

NEXUS

NEW TIMES MAGAZINE

Volume 6, Number 2 FEBRUARY – MARCH 1999

PO Box 30, Mapleton Qld 4560, Australia

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STATEMENT OF PURPOSE

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Editorial

It's a new year and 1999 is already shaping up to be a momentous one. As I sit here writing, it is early January and I sense a lot of global issues coming to a peak. The situations in both the Middle East and the Balkans, preparations for the millennium bug's impact, the UFO situation, the changing climate, Nostradamus' prediction for July, rampant corruption, plus the relentless push for globalisation will ensure plenty of 'news' for the mass media.

One momentous event the mass media will probably ignore again is our annual NEXUS Conference, so get your diaries out now and jot this down: 1999 NEXUS Conference, May 22–23, Gazebo Hotel, Elizabeth Bay, Sydney. At this stage the speakers include Dr James Hurtak, Sir Laurence Gardner (back by popular demand), Dr Sam Chachoua (yes, again), Prof. John Frodsham, Bruce Moen and Barry Hilton. See the advert in this issue, or contact us for more details.

Speaking of conferences, I'm looking forward to attending the 1999 Global Sciences Congress, being held March 11–17 at Daytona Beach, Florida, USA. As usual, there's a great line-up of speakers—even your fearless editor!

Meanwhile, in this issue, the article from the Money Masters continues the saga of the battle for control over the right to issue currency. Believe it or not, money was originally designed to serve mankind and make life easier! Over time, it has become the private commodity of a few, sold to governments across the world and unquestioned by all who use it.

I need to say a few words about Uri Dowbenko's article on NWO Mind Control. The subject is not pleasant; in fact, I had to do some serious soul-searching about whether I should publish such material. I came to the conclusion that although the information is thoroughly distasteful for us to read about, it must be unimaginably horrific for those who experience these traumas. I decided to publish, but have still had to edit it heavily. You will all probably flinch and ask yourselves whether it could possibly be true. From the view I have at NEXUS, I'd say that it *is* true, it *does* happen, and there *are* high-level cover-ups in place to conceal its full extent from the public. Belgium's recent high-profile cases are among many examples.

The Majestic-12 papers recently released over the Internet are absolutely fascinating. Sceptics have been quick to denounce them as a hoax, but have no evidence for their claims. I find the papers particularly interesting because of the many implications of sideline information contained therein. For example, JFK worked for Naval Intelligence and was briefed on UFOs and Roswell; Russia was kept apprised (shades of *Alternative 3* and *Major Jordan's Diaries*); the military analysed the alien bodies with a view to integrating findings into their current genetic and biological warfare units (that was in 1947!); they mention a "retro-virus" of unknown type which could be used in biowarfare (HIV?); they discuss media disinformation tactics; and there is so much more. I've tried to give you a glimpse of one of the more juicy reports, but there's heaps more now available over the Internet thanks to the tireless efforts of people like Karen Lyster and others.

This issue sees the start of a two-part article, "The Hammer and the Pendulum", by Richard Noone, wherein he comments on new theories to explain our planet's geological anomalies. The mainstream 'experts' dictate Uniformitarianism, but the evidence demands we look more closely at Catastrophism. The last really big catastrophe happened no more than 10,000 years ago. As for the next, Richard Noone thinks we could be in for a planetary axis shift in early May 2000.

Meantime, I'd like to welcome back readers of our Greek edition. The previous Greek publisher mysteriously disappeared, leaving readers in NEXUS limbo. However, four of the publisher's staff contacted me about publishing the magazine themselves after confessing they've fallen in love with it—so how could I say no? Anyone missing their subscription copies should get in touch with us for the new contact details.

Best wishes for 1999!

Duncan

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Letters to the Editor ...

A Bone of Contention

Dear Editors: "Medical Myths of Osteoporosis" (Oct-Nov 1998) does much to expose the medical establishment's use of osteoporosis scare tactics to entice many women into taking toxic drugs. Unfortunately, the article perpetuates two of the most outlandish myths regarding the disease, namely that meat and saturated fat contribute to bone loss.

In short-term studies showing negative calcium balance in subjects fed diets high in protein, the protein was in the form of purified powders. When fed meat, subjects showed no negative calcium balance.¹ Skeletal remains of hunter/gatherers, whose diets were high in protein and fat, show no evidence of bone loss.

Recent studies have demonstrated that dietary saturated fat is necessary for proper laying down of calcium in the bones.²

To maintain bone health into advanced years, women should be encouraged to consume not drugs but liberal amounts of dairy fats, which are high in natural saturates, and which contain fat-soluble vitamins necessary for proper utilisation of calcium and phosphorus.

Sally Fallon and Mary G. Enig, PhD, SAFallon@aol.com

1. Fallon, Sally and Mary G. Enig, PhD, "Dem Bones: Do High Protein Diets Cause Bone Loss?", *Price-Pottenger Nutrition Foundation Health Journal* 20:2:1-4. (Available from Price-Pottenger Nutrition Foundation, USA, tel (619) 5740 7763.)

2. Watkins, B. A. et al., "Importance of Vitamin E in Bone Formation and in Chondrocyte Function", *AOCS Proceedings*, 1996, Purdue University, Lafayette, IN, USA; Watkins, B. A. and M. F. Seifert, "Food Lipids and Bone Health", *Food Lipids and Health* (R. E. McDonald and D. B. Min, eds), Marcel Dekker, Inc., NY, USA, p. 101.

Tsunami Visions for East Coast

Dear Duncan: Thanks for sharing NEXUS readers' input regarding the prophecies of a tsunami [Letters, 6/01]. I am happy to accept that it is the largely shock-tactic advertising of the movie *Deep Impact* that is to blame.

However, personally, I'm still fearful. Roughly every two years for the past six years I have seen the wave hit the area I was in at the time in a dream.

I make no claims to prophecy on my behalf, but it still has me very

scared. I have seen these waves hit from Bondi Beach, NSW, up to Surfers Paradise, Qld. I have very vivid memories of each dream.

I'd like to know what is involved in obtaining copies of other people's letters regarding the tsunami. The omissions of personal details would be perfectly understandable. What I want to do is collate as much information as possible to look at possibly identifying the source of the wave and its most probable effects.

This is a personal project and I declare that I have no intention of using this information for financial gain. I will be quite happy to make any of my findings available to you.

Aaron Dorling, pcp@ircnet.com.au

(Dear Aaron: I'm sure you will be hearing from readers via your e-mail address. Ed.)

Digital TV Deception

Dear Duncan: Saw the news item (5/06) on the digital TV overview and laughed—after all, the LNB on the satellite TV dish is a one-way device and cannot transmit data back to the originator via the satellite. On the other hand, the cable company can know exactly who is viewing what. Two days later, I bought the next week's TV program mag and saw an item that told me that a new dish was required for Sky digital TV. As the system is 'interactive', this means that the dish contains a transmitter, so unplugging the phone connection will *not* turn off this feedback.

Looking through the program pages I saw that *Max Headroom* was to be shown again—you remember, instant audience figures and the 'Blip-vert' to prevent viewers having time to channel-hop during the adverts break.

Through the technical press I learn that the TV will switch between high or low definition depending upon the signal strength and integrity, which makes a lie of the advertising hype of how much better the quality will be.

But now the real reason for digital TV (in the UK at least). Not only can the released radio spectrum space be 'sold' to other users, but the viewer can be charged for every program viewed. Now you can see why the News Barons—

Maxwell, Murdoch, et al.—were so keen to get their hands on the satellite TV networks. It is *they* who rule the world, for the human being's greatest weakness is a box of pictures.

Thanks for NEXUS. Regards,
Alan Levett, Glastonbury, England, UK

Port Chicago Remembered

I found your article on the Port Chicago explosion to be very interesting [see 3/04], as my father was (co-incidentally) telling me, just yesterday, all about it.

During WWII my father, Ensign Lester Pecan, was being treated in a hospital near to the explosion at the time in which the explosion at Port Chicago occurred. He immediately left his hospital bed and 'flew' to the site of the explosion. Risking his own life to save the lives of many others, my dad, of his own volition, fought the fires and led many people to safety. He did receive a Navy and Marine Corps medal for 'heroic conduct'.

Until I read your article, though, (as well as talking to my father yesterday), I never quite realised how tragic this historical 'incident' really was.

Alyson Pecan, Long Island, NY, USA, alyson022@aol.com

New Light on Raw Food Diets

To the Editor: I found the little article headlined "Microwaves Disrupt Human Light-Emitting Capacity" on page 8 of your Oct-Nov 1998 issue [5/06] extremely interesting and it goes right along with something I have observed.

I am an artist and have also done experiments with diet that not too many people have ever done; that is, I have lived for a long time on all raw food, nothing cooked. Now, I noticed when I went on a raw food diet, besides making me feel much more youthful, energetic and enlightened, it enhanced my ability as an artist, chiefly in two ways: my ability to draw striking visual rhythm was much improved and my colours became brighter, more beautiful and harmonious. I could see that the raw food diet had made my energy field more coherent, which in turn improved my ability to create coherent artwork.

So I expect that if Dr Hyland

will look into it, he will find that fresh, uncooked food emits coherent light and, when we eat it, it maintains our own ability to emit coherent light. Cooking disrupts the coherency of the light in food (microwaving it is no doubt even worse than regular cooking), eating it disturbs our ability to emit coherent light, and of course various health problems can be expected as a result. Many people have experienced recovery from various 'incurable' diseases when they went on a raw food diet.

Another thing I've noticed is that strict raw-food eaters maintain their hair colour well into their 40s and 50s, long after most people start getting grey hair. I expect grey hair is a sign that the coherency of one's light is breaking down.

Sincerely,
Joe Alexander, Fayetteville, Arkansas, USA

The Almond Milk Alternative

Dear NEXUS: If Sandra and David Cooper [Letters, 5/06] would care to investigate the benefits of milk from nuts, they may find these have a very high nutritive value.

All kinds of nuts contain vitamins, proteins and minerals, though some, notably brazils and peanuts, contain much oil.

I found that almonds, blanched in boiling water and skinned (or left whole and sieved after grinding in the food mill) can be mixed with fresh water and blended to produce an excellent, highly nutritious 'milk' that is a useful addition to any animal milk. This milk can be made to be thin or as thick as double cream; for this last one, add a little good-quality oil and honey if required.

Good luck!
Jennifer Miles, London, UK

Freedom or Exploitation?

Sir: I have just realised what a pack of canting humbugs we of 'the West'—whether one is talking about Australia, the USA or the European 'Union'—are.

Did we not, from 1945 even unto 1990 lament the lack of freedom in the Soviet Union and its satellites? Were we not deprecatory over the fact that their inhabitants were prohibited from freely leav-

... more Letters to the Editor

NB: Please keep letters to approx. 100-150 words in length. Ed.

ing when they chose to? Were we not proud of our freedom?

Yet look at today. Since about 1920 the USA has strictly controlled the numbers migrating thither. We Australians have had our birthright to go 'home' to the United Kingdom, or to any of Her Majesty's dominions taken away from us, and now the news bulletins and reports are full of stories about how 'Europe', Australia, Malaysia and other so-called 'free' countries are restricting not just immigrants in general, but even refugees.

What exactly are we supposed to mean by freedom? For to me it seems that our leaders attach only one meaning—namely, the freedom for the bully to exploit everyone else and, in particular, for us here to be exploited by American oligopolies.

N. R. Cole, East Malvern, UK

Vitamin Dosage Controversy

Duncan: The US FDA (United States Food and Drug Administration) has enormous power over what we consume, based on studies biased toward finding predetermined conclusions.

The FDA (and its Australian equivalent [the TGA]) approves the use of genetically engineered bovine hormones. They have banned powerful preservatives such as BHT from being used by the meat industry.

The RDIs (Recommended Daily Intakes) of vitamins and minerals have been set frighteningly low—a safety curtain aimed merely at preventing deficiency symptoms.

In Australia in 1992, the maximum allowed dosage of vitamin A per supplement tablet dropped from 25,000 IU to 5,000 IU. The FDA has changed the RDI of folic acid from 250 µg to 400 µg. Why? What studies prompted this? Professor Roger Williams (discoverer of pantothenic acid, vitamin B5) suggests it should be more like 2,000 µg.

The RDI of vitamin C was once set at 30 mg. It was changed to 60 mg and later knocked back to 45 mg. Why? Which is correct? If I consumed 30 mg, thinking this was adequate but later learned I should have taken twice this, how do I know that 60 mg is not half as much as I should need? The RDI

is now 60 mg, yet studies by Pearson and Shaw suggest 7,500 mg as a *minimum*.

FDA studies found *no* benefits from the intake of 'large' doses of vitamin C (not surprising since their idea of 'large' is around 300 mg). Vitamin C has been taken intravenously up to 150,000 mg without harm.

In 1971, the US FDA invited Linus Pauling (Nobel Prize-winning chemist) to a conference to explain the benefits of vitamin C. Just prior to this conference, Pauling's research was discredited by the FDA with feeble data and reasoning. When Pauling produced meaningful data and irrefutable scientific evidence, his invitation to the conference was withdrawn.

FDA attitudes are the result of ignorance, bias, a misunderstanding of vitamins and minerals, and a lack of hope or vision. In the words of Stanton T. Friedman: "Don't bother me with the facts; my mind is already made up!"

Yours sincerely,

Andrew Duncan, East Doncaster, Victoria, Australia

Speed of Light Calculations

To the Editor: I have seen a suggestion that there has been a measurable decline in the speed of light since first calculated in 1675. The decline apparently continued until c. 1960 and no further decline could be noted.

As I'm not scientifically trained (i.e., ignorant!) I hope readers can answer some queries. How would this affect the related radioactive decay in rocks? Does this bear on those objects in the galaxies which appear to be separating faster than the speed of light?

The log sine curve postulated—almost vertical up to a point in the past—would at some past time produce almost infinite speed of light, according to my informant, with interesting implications.

Has any reader of NEXUS (brilliant!) further information on this? Or—I'm a new reader—is there a back issue of NEXUS addressing it?

James McBride, coguk@aol.com
(*Dear James: I have noticed discussions on this very subject taking place in various corners of cyberspace. Search thither! Ed.*)

Alternative vs Free Energy

Dear NEXUS: I have recently had correspondence with the Centre for Alternative Technology in Wales concerning the question of free energy. I would have thought that being an 'alternative' technology centre they would be very interested in the notion and want to investigate it further.

But no! They "know of no devices that have successfully demonstrated the practicality of extracting energy from the Zero Point Field", although go on to say, "...should anyone wish to provide us with a working device...we would certainly be happy to display it at the Centre".

Well, Free Energy people, that is the challenge! If you can help in any way concerning this, please contact the Centre for Alternative Technology at <ateic@catinfo.demon.co.uk>. Their website is <http://www.cat.org.uk>.

Yours sincerely,

Kevin Butler, Frome, Somerset, England, UK

Addicted to NEXUS

Dear NEXUS: An extremely good magazine which I have been reading for 18 months.

Like someone once said, the world is divided between those who have read NEXUS and those who have not.

Make it monthly, as I start going into withdrawal symptoms after six weeks.

Steve Bailey, Exeter, Devon, steve@socks28.freemove.co.uk

Reviews under Review

Dear Duncan: I think your magazine is wonderful. It is one of the only worthwhile magazines with serious international distribution.

My only complaint is that your book reviews seem to be a little too generous. The result is that one tends to view them in the same light as the blurb on a book cover: a sales tool, rather than a serious review. I know this is maybe the kind and even 'spiritual' way to do it, but it prevents the reader from making an informed purchase. If your reviews were more honest (and perhaps a little more caustic), your readers would know when someone has written something exceptional.

That said, I understand the diffi-

culty of writing proper reviews when you are also acting as a sales agent for many of the books, and I suppose that the dissemination of alternative information should take priority over critical reviews.

Thanks for producing such a great magazine!

Andrew Paterson, London, UK

(*Dear Andrew: Thank you for your kind comments. About the book reviews, hmmm. The books which would probably get caustic reviews are usually among the books we do not review! It is just too easy to say caustic things about someone's work. Ed.*)

Oh, What a Sanitised World...

Conditioned, controlled,
constrained as a child
making me believe I was
meek and mild
and that logic and fact
was enough for all
and to think for yourself
would cause you to fall—
from grace, from face,
from immovable feasts
to a world inhabited
by evil beasts

So I became a dutiful slave
with a path to follow
right through to my grave
in a fortress created
by fools like me
who had glimpses of truth
but chose not to see
whose comfort came first
with its stability...
and the planet forgot
its true destiny...

clamouring for sanitised
conformity,
for what...

A bright new reality waits near
for those without caution or fear
who've discovered a way
to empower themselves
above suffering,
blindness and greed.

Poem by Michael Antares,
Sydney, NSW, Australia

(*Dear Readers: Please do not take this as a signal to send in your poetry. I am absolutely, definitely, positively, never going to publish anyone else's poem ever again! Thank you. Ed.*)

CHANNEL 4 NEWS ACCUSED OF CENSORSHIP

Members of UK-based Truth in HIV Testing (TIHT) have accused Channel 4 News of censorship after news editor Jim Gray effectively banned the release of a program, commissioned by Channel 4 News, about the questionable links between HIV and AIDS.

The World AIDS Day news report from award-winning Meditel Productions in London focused on HIV testing and the leading scientists who, for the first time, presented comprehensive data on the profound inaccuracies underlying the links between HIV and AIDS.

The data disputing the theory that HIV causes AIDS was presented at the World AIDS Conference in Geneva in July 1998.

(Source: Continuum magazine, press release, 2 December 1998)

ANTARCTIC CURRENTS COMPLICATE CLIMATE STUDY
Global weather patterns may be much more affected by massive ocean currents than previously suspected.

Scientists have recently discovered the existence of the Antarctic Circumpolar Wave, a complex current moving in a clockwise direction around the Antarctic, in a cycle of eight to nine years.



The current alternates two huge warm-water pools with two huge cold pools, with a temperature difference of only about a degree.

It seems that this massive system is linked to rain and temperature variations in the southern states of Australia, leading some to speculate that its influence is greater than that of the Pacific's El Niño.

Scientists at CSIRO's Atmospheric Division are monitoring these and a third phenomenon, the Indian Ocean Dipole.

(Source: The Sydney Morning Herald, 14 December 1998)

HYPNOSIS IMPROVES TV ADVERT RECOLLECTION!

Mindtec Diagnostics, a market and social research company, describes as "Earth shattering" the results of their new line of research involving hypnosis.

The researchers tested people's responses to TV advertisements, initially in a conscious state and then under hypnosis.

The results showed that people's recollection of a company and brand improved by 75 per cent when hypnotised, compared with when in a normal state.

"It shows they are registering in the subconscious what these commercials were about, but from the top of their mind it wasn't there so much," said Denis Lee, managing director of The Agency, the Brisbane-based advertising agency working with Mindtec Diagnostics.

"That's what happened all the way through—they are storing opinions and attitudes about products which, asked about consciously, they may not recall, but at the point of purchase there are all those subliminal things stored in the memory that influence the purchasing process."

(Source: The Sydney Morning Herald, 8 December 1998)

MONSANTO'S UNHOLY GLOBAL GENETICS WAR

The debate over genetically modified organisms (GMOs) could result in a trade war between Europe and the USA.

Public concern is high in Europe over safety and labelling issues surrounding GMOs and has resulted in Europe's environment ministers calling for temporary bans on GMOs until the European Council, Commission and Parliament can agree on how to draft a 1990 directive setting out ground rules under which GMO plants can be approved.

The strength of public opinion is causing a PR headache for Monsanto which is facing public meltdown in the UK and Germany, with a "society-wide" collapse of support for its radical technologies, according to leaked documents.

Monsanto's latest polls and focus groups show that an earlier collapse of support for GMOs has now accelerated, with opposition "skyrocketing" despite a £1 million advertising campaign.



According to the *Guardian Weekly* (27 Dec 1998), Monsanto is about to be prosecuted in the UK for deliberately releasing genetically modified oilseed rape into the countryside.

In the United States, Monsanto stands accused by a growing number of consumer groups of falsifying research data on the safety of its genetically engineered bovine growth hormone which has been injected into 30 per cent of US dairy cows twice a month over the last five years. The Canadian Government's Health Protection Branch recently reviewed all the data from a Monsanto safety study and came up with vastly different conclusions.

Monsanto started its PR slide when it was revealed that its herbicide-resistant Roundup Ready soya beans had been shipped to Europe mixed with ordinary soya beans. Consumers interpreted the move as a ploy to force transgenic soya products down European throats.

In late November, farmers in the Raichur district of India destroyed a field-trial plot of Monsanto's genetically modified cotton plants. They were concerned that pollen from the modified plants would escape into the environment.

A recent survey of 1,000 French consumers, conducted by the TMO company, revealed that only nine per cent expressed a positive opinion about GMOs, while more than half expressed negative feelings. One quarter associated GMOs with danger.

Our thanks go out to Monsanto for allowing us all to become more aware of the serious health, environmental, ethical, legal and marketing issues surrounding genetically modified organisms.

(Sources: *Nature*, vol. 395, 22 Oct 1998, vol. 396, 3 Dec 1998; *New Scientist*, 31 Oct 1998; *ABC News, USA*, www.abcnews.com; *Guardian Weekly, London*, 29 Nov, 27 Dec 1998; *Sydney Morning Herald*, 21 Dec 1998)

THE SKY REALLY IS FALLING!

According to British Antarctic Survey scientists, the ionosphere is 'falling' at the rate of about 200 metres per year. The findings come from an analysis of 600,000 measurements of the ionosphere's height taken over the past 38 years using echo-sounding technology.

Scientists are divided as to whether the ionospheric contraction is a result of greenhouse gases and the depletion of the ozone layer, or whether it is caused by cyclic changes in the Sun and resultant

sunspot activity.

Dr Phil Wilkinson, from the Australian Government's Ionospheric Prediction Service, commented that the ionosphere is modulated strongly by the Sun and that sunspot activity is approaching its peak.

(Sources: *The Australian*, 17 September 1998; *New Scientist*, 26 September 1998)

ISRAELI GERM WARFARE DESIGNED TO KILL ARABS?

Claims made by the London *Sunday Times* last November [1997], that Israel is working on a biological weapon which is genetically targeted against Arabs, received a boost when *Foreign Report*, a Jane's publication which monitors security and defence matters, also reported that Israeli scientists have used South African genetic warfare research in an attempt to develop an "ethnic bullet".

Israeli scientists at super-secret Nes Tziyona biowarfare laboratory near Tel Aviv are attempting to engineer deadly micro-organisms that only attack DNA within the cells of victims with distinctive Arab genes. Nes Tziyona produces a wide range of chemical and biological weapons and is reportedly larger than all Arab and Iranian biowarfare laboratories combined.

The research mirrors biological studies conducted by South African scientists during the apartheid era and disclosed in testimony before the Truth and Reconciliation Commission.

Daan Goosen, head of a South African chemical and biological warfare facility,

said his team was ordered in the 1980s to develop a "pigmentation weapon" to target only black people.

The British Medical Association has become so concerned about the lethal potential of genetically based biological weapons that it has opened an investigation, due to report in January 1999.

(Sources: *The Sunday Times, London*, 15 Nov 1998; *The Australian*, 16 Nov 1998)

DANISH SCIENTISTS DEVELOP ATOM-SIZED COMPUTER CHIP

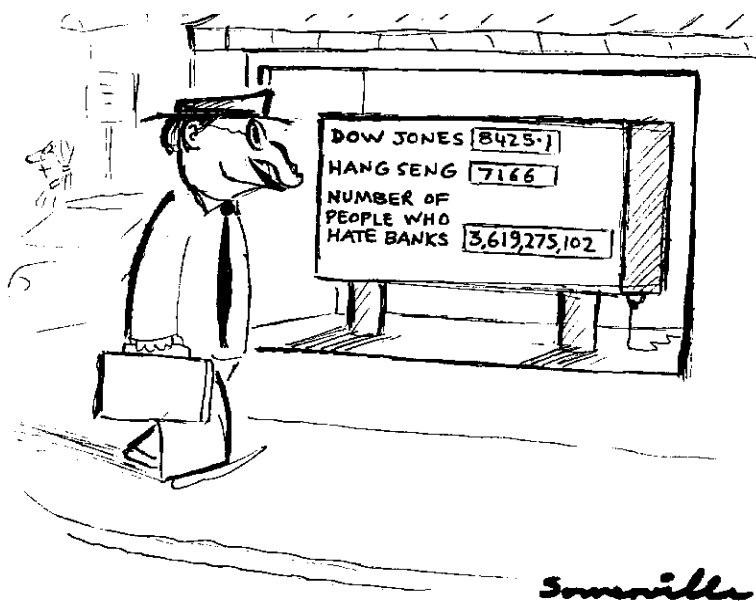
Danish scientists have created a chip where a single atom jumping back and forth could generate the binary code which is the basis of digital information used by computers.

Information stored today on one million CD-ROMs could be stored on a single disc, says doctor of physics François Grey.

Using a scanning tunnelling microscope, a four-man team at the microelectronics centre of the Danish University of Technology was able to remove from a hydrogen layer surface on a silicon chip one of a pair of hydrogen atoms attached to one silicon atom, leaving the remaining hydrogen atom jumping back and forth.

Scientists elsewhere had conducted similar experiments making single atoms jump back and forth, but their work was done with material frozen to near absolute zero temperature. The Danish team is the first to have succeeded in room temperature conditions, Grey said.

(Source: *The Australian*, 3 November 1998)



SMART SURVEILLANCE – 1

British police scientists are close to a breakthrough that will allow CCTV cameras to 'recognise' criminal activity. The technologies utilise leading-edge neural and pattern recognition systems developed for space and defence applications.

Dr Mike Taylor, head of Scotland Yard's technology operations, announced at a recent London conference that it is "perfectly feasible to develop software which can distinguish certain actions", such as the sound of breaking glass, but that the main barrier to date has been overcoming the problems with image quality.

Automatic policing of entire areas could soon become a reality with these advanced CCTV systems.

(Source: Weekly Telegraph, 9–15 Dec 1998)

SMART SURVEILLANCE – 2

Researchers in California have created an Autonomous Observer (AO) robot that could be developed into a surveillance system that follows a target wherever it goes. Currently, other systems can't follow moving objects that are trying to evade detection; if an object disappears from view, the tracking system loses it.

To overcome this, computer scientist Jean-Claude Latombe at Stanford University has developed small mobile robots that not only watch targets but also work out their potential escape routes. The robots can then position themselves for an optimum view.

(Source: New Scientist, 17 October 1998)

IMPLANTS ALLOW HUMANS TO CONTROL COMPUTERS

An American scientist has entered the world of science fiction by implanting electrodes in the brains of disabled people so that they can control a computer by the power of thought.

The implants have enabled two paralysed people to move the cursor on the screen simply by thinking about moving part of their body. They were able to convey messages such as "I'm thirsty" or "Please turn off the light" by pointing the cursor at different icons.

The hope is that eventually patients will be able to communicate complex ideas just by thinking about them.

"If you can run a computer, you can talk to the world," said Dr Ray Bakay, of Emory University in Atlanta, whose team developed the implants.

British Telecom Laboratories near Ipswich, UK, have also done research into implantable chips, including a memory chip which could take data from the eye and store it for a computer.

(Sources: New Scientist, 17 October 1998; The Times, London, www.the-times.co.uk)

THE YEAR 2000 PROBLEM

While predictions vary enormously on the effects of the "millennium bug" (see NEXUS 5/05), we can be sure that there will be widespread awareness of the situation. Indeed, it may be that very 'awareness' that becomes our downfall.

Western governments find themselves

walking the fine line of alerting business and industry to the situation, whilst simultaneously *not* panicking the public. The last thing they want is a run on the banks and panic-buying of essential commodities. An interesting situation...

Meanwhile the Gartner Group, a respected consulting company based in Stamford, Connecticut, released a report in late September 1998 with the following breakdown (pardon the pun) of computer failure-rate predictions:

1) By country

- Level 1 (15%): Australia, Belgium, Bermuda, Canada, Denmark, Holland, Ireland, Israel, Switzerland, Sweden, United Kingdom, United States;

- Level 2 (33%): Brazil, Chile, Finland, France, Hungary, Italy, Mexico, New Zealand, Norway, Peru, Portugal, Singapore, South Korea, Spain, Taiwan;

- Level 3 (50%): Argentina, Armenia, Austria, Bulgaria, Colombia, Czech Republic, Egypt, Germany, Guatemala, India, Japan, Jordan, Kenya, Kuwait, Malaysia, North Korea, Poland, Puerto Rico, Saudi Arabia, South Africa, Sri Lanka, Turkey, United Arab Emirates, Venezuela, Yugoslavia;

- Level 4 (66%): Afghanistan, Bahrain, Bangladesh, Cambodia, Chad, China, Costa Rica, Ecuador, El Salvador, Ethiopia, Fiji, Indonesia, Kenya, Laos, Lithuania, Morocco, Mozambique, Nepal, Nigeria, Pakistan, Philippines, Romania, Russia, Somalia, Sudan, Thailand, Uruguay, Vietnam, Zaire, Zimbabwe.

2) By industry

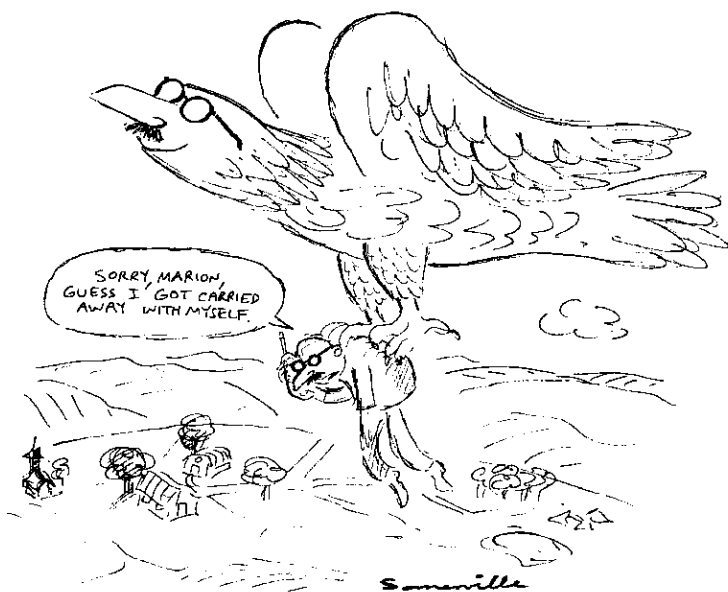
- Level 1 (15%): banking, computer manufacturing, insurance, investment services, pharmaceuticals;

- Level 2 (33%): aerospace, biotechnology, consulting, discrete manufacturing, heavy equipment, medical equipment, retail, publishing, semiconductors, software, telecoms;

- Level 3 (50%): chemical processing, construction, gas, hospitality, law enforcement, law practices, medical practices, natural gas, ocean shipping, oil, power, pulp and paper, television, transportation, water;

- Level 4 (66%): agriculture/farming, education, food processing, government agencies, health care, municipal services.

Overall, Gartner believes that the Year 2000 problem won't cause the global business meltdown that some analysts had earlier predicted, but it will cause a negative impact on the world economy that will be



felt for three to five years after the event.

(Source: <http://gartner11.gartnerweb.com/public/static/aboutgg/pressrel/testimony1098.html>)

Other items of interest from a variety of news sources include:

- Reserve banks in Australia, USA and Europe plan to have extra cash printed up in case of panic. The Fed will have an extra US\$50 billion to handle extra demand.

- The armed forces of many Western nations, including Australia, Canada, UK and USA, are preparing in case of a temporary social collapse due to lack of food, power, water and transport.

- Few countries are admitting to their real Y2K compliance status. However, Australia, Canada, UK and USA have all announced that the cost of preparing for the new millennium will blow out by billions of dollars respectively.

- Little is being revealed about the effects on national defence systems. The UK Ministry of Defence admitted in December 1998 that nearly 90 per cent of the British Navy's most critical systems, including the Trident nuclear missiles, are still not Y2K compliant.

SECRET PLAN TO TAP ALL COMMUNICATIONS SYSTEMS

Plans for an international network of centres able to tap mobile phones anywhere in Europe have been prepared by European law enforcement agencies.

Confidential European Union documents leaked in Germany and obtained by the *Observer* outline plans for instant-access centres across Europe, equipped to tap every type of communications system including mobile phones, the Internet, fax machines, pagers and interactive cable television services.

Under the plan, Enfopol 98, European telecommunications companies will be required to build tapping connections into their systems. Each EU country's "interception interface" must be capable of allowing member states to tap communications throughout the EU.

The USA, Canada and Australia are likely to participate in the network, giving the FBI and other non-European security agencies access to communications in Europe.

The leaked document was published in late November by the German Internet magazine, *Telepolis*.

(Source: *The Observer*, London, 6 Dec 1998)

EUROPEAN COURT REMOVES GAG ORDER ON SWISS SCIENTIST WHO REVEALED DANGERS OF MICROWAVED FOOD

Hans Hertel was the first scientist to conceive of and carry out a qualitative study on the effects of microwaved nutrients on the blood and physiology of human beings. This small but well-controlled study pointed the firm finger at the degenerative force of microwave ovens and the food produced in them. Working with Bernard H. Blanc, of the Swiss Federal Institute of Technology, and the University Institute for Biochemistry, Hertel was one of eight participants in the study.

The conclusion was clear: microwave cooking changed the nutrients so that changes took place in the participants' blood. These were not healthy changes but were changes that could cause deterioration in the human systems.

In 1991 Hans Ulrich Hertel and a Lausanne University professor published a research paper indicating that food cooked in microwave ovens could pose a greater risk to health than food cooked by conventional means.

Significant changes were discovered in the blood of the volunteers who consumed foods cooked in the microwave oven. These changes included a decrease in all haemoglobin values and cholesterol values, especially the HDL (good cholesterol) and LDL (bad cholesterol) values and ratio. Lymphocytes (white blood cells) showed a more distinct short-term decrease following the intake of microwaved food than after the intake of all the other variants. Each of these indicators point in a direction away from robust health and toward degeneration.

Additionally, there was a highly significant association between the amount of microwave energy in the test foods and the luminous power of luminescent bacteria exposed to serum from test persons who ate that food. This led Hertel to the conclusion that such technically derived energies may indeed be passed along to man inductively via consumption of microwaved food.

An article appeared in the *Journal Franz Weber* (issue no. 19) in which it was stated that the consumption of food cooked in microwave ovens had cancer-type effects on the blood. The article was followed by the research paper itself.

On 7 August 1992, the Swiss Association of Manufacturers and Suppliers of Household Appliances brought an action against the applicant in the Canton of Berne Commercial Court. It produced an expert report by a professor at Zürich Federal Institute of Technology, from which it appeared that the applicant's research was worthless and his findings untenable.

As soon as Hertel and Blanc announced their results, the hammer of authority slammed down on them. A powerful trade organisation, the Swiss Association of Dealers in Electroapparatuses for Households and Industry, known simply as FEA, struck swiftly. They forced the President of the Court of Seftigen, Canton Bern, to issue a 'gag order' against Hertel and Blanc.

The attack was so ferocious that Blanc quickly recanted his support, but it was too late. He had already put into writing his views on the validity of the studies where he concurred with the opinion that microwaved food caused blood abnormalities. Hertel stood his ground, and today is steadfastly demanding his right to a trial. Preliminary hearings on the matter have been appealed to higher courts, and it's quite obvious the powers-that-be do not want a 'show trial' to erupt on this issue.

In March 1993, the court handed down this decision based upon the complaint of the FEA: "Consideration. 1. Request from the plaintiff (FEA) to prohibit the defendant (Dr Ing. Hans Hertel) from declaring that food prepared in the microwave oven shall be dangerous to health and lead to changes in the blood of consumers, giving reference to pathologic troubles as also indicative for the beginning of a cancerous process. The defendant shall be prohibited from repeating such a statement in publications and in public talks by punishment laid down in the law ... death in connection with microwave ovens."

However, in 1998 that decision was reversed. In a judgement delivered at Strasbourg on 25 August 1998 in the case of *Hertel v. Switzerland*, the European Court of Human Rights held that there had been a violation of Hertel's rights in the 1993 decision. Under Article 50 of the Convention, the Court awarded the applicant a specified sum for legal costs and expenses. The Court of Human Rights decided that the 'gag order' issued by the Swiss courts against the Bern scientist, prohibiting him from declaring that microwave ovens are dangerous to health, was contrary to the right to freedom of expression. In addition, Switzerland was ordered to pay compensation of F 40,000.

This decision is to put an end to judicial censorship of persons drawing attention to the health hazards of certain products.

(Source: Sheri Nakken, RN, MA, 29 December 1998, e-mail <wwithin@nccn.net>; check website <www.trufax.org/reports/report1.html>)

CENTRAL BANKING AND THE PRIVATE CONTROL OF MONEY

Using fractional reserve banking techniques, the Rothschilds and their allies began to dominate the central banks in the UK, USA and France by the early 19th century.

Part 2 of 2

Extracted from the book of the video
THE MONEY MASTERS:
How International Bankers Gained Control of America

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7. THE RISE OF THE ROTHSCHILDS

This is Frankfurt, Germany. Fifty years after the Bank of England opened its doors, a goldsmith named Amschel Moses Bauer opened a coin shop—a counting house—in 1743, and over the door he placed a sign depicting a Roman eagle on a red shield. The shop became known as the Red Shield firm or, in German, *Rothschild*. When his son, Mayer Amschel Bauer, inherited the business, he decided to change his name to Rothschild.

Mayer Rothschild soon learned that lending money to governments and kings was more profitable than lending to private individuals. Not only were the loans bigger, but they were secured by the nation's taxes.

Mayer Rothschild had five sons. He trained them all in the secret techniques of money creation and manipulation, then sent them out to the major capitals of Europe to open branch offices of the family banking business. His will directed that one son in each generation was to rule the family business; women were excluded.

Mayer's first son, Amschel, stayed in Frankfurt to mind the hometown bank. His second son, Salomon, was sent to Vienna. His third son, Nathan, was clearly the most clever; he was sent to London at age 21 in 1798, a hundred years after the founding of the Bank of England. His fourth son, Karl, went to Naples. His fifth son, Jakob (James), went to Paris.

In 1785, Mayer moved his entire family to a larger house, a five-storey dwelling he shared with the Schiff family. This house was known as the Green Shield house. The Rothschilds and the Schiffs would play a central role in the rest of European financial history and in that of the United States and the world. The Schiffs' grandson moved to New York and helped fund the Bolshevik *coup d'état* in 1917 in Russia.

The Rothschilds broke into dealings with European royalty in Wilhelmshöhe, the palace of the wealthiest man in Germany—in fact, the wealthiest monarch in all of Europe—Prince William of Hesse-Cassel. At first, the Rothschilds were only helping William speculate in precious coins. However, when Napoleon chased Prince William into exile, William sent £550,000 (a gigantic sum at that time, equivalent to many millions of today's US dollars) to Nathan Rothschild in London with instructions to buy consols—British government bonds, or government stock—but Rothschild used the money for his own purposes. With Napoleon on the loose, the opportunities for highly profitable wartime investments were nearly limitless.

William returned to Wilhelmshöhe some time prior to the Battle of Waterloo in 1815. He summoned the Rothschilds and demanded his money back. The Rothschilds returned William's money, with the eight per cent interest the British consols would have paid him had the investment actually been made. But the Rothschilds kept all the vast wartime profits they had made using Wilhelm's money—shady practice in any century.

Partly by such practices, Nathan Rothschild was able to brag later that in the 17 years he had been in England he had increased his original £20,000 stake given to him by his father by 2,500 times, i.e., to £50,000,000—a truly vast sum at that time, comparable in purchasing power to billions of US dollars today.

As early as 1817, the director of the Prussian Treasury wrote on a visit to London that Nathan Rothschild had:

...incredible influence upon all financial affairs here in London. It is widely stated...that he entirely regulates the rate of exchange in the City. His power as a banker is enormous.

Austrian Prince Metternich's secretary wrote of the Rothschilds, as early as 1818, that:

...they are the richest people in Europe.

By cooperating within the family, using fractional reserve banking techniques, the Rothschilds' banks soon grew unbelievably wealthy. By the mid-1800s, they dominated all European banking and were certainly the wealthiest family in the world. A large part of the profligate nobility of Europe became deeply indebted to them.

By virtue of their presence in five nations as bankers, the Rothschilds were effectively autonomous, an entity independent from the nations in which they operated. If one nation's policies were displeasing to them or their interests, they could simply do no further lending there, or lend to those nations or groups opposed to such policies. Only they knew where their gold and other reserves were located, thus they were shielded from government seizure, penalty, pressure or taxation, effectively making any national investigation or audit meaningless. Only they knew the extent (or paucity) of their fractional reserves, scattered in five nations—a tremendous advantage over purely national banks engaging in fractional reserve banking.

It was precisely their international character that gave the Rothschild banks unique advantages over national banks and governments, and that was precisely what rulers and national parliaments should have prohibited, but did not. This remains true of international or multinational banks to this very day, and is the driving force of globalisation—the push for one-world government.

The Rothschilds provided huge loans to establish monopolies in various industries, thereby guaranteeing the borrowers' ability to repay the loans by raising prices without fear of price competition, while increasing the Rothschilds' economic and political power. They financed Cecil Rhodes, making it possible for him to establish a monopoly over the gold-fields of South Africa and DeBeers diamonds. In America, they financed the monopolisation of railroads.

The National City Bank of Cleveland, which was identified in congressional hearings as one of three Rothschild banks in the United States, provided John D. Rockefeller with the money to begin his monopolisation of the oil refinery business, resulting in the formation of Standard Oil.

Jacob Schiff, who had been born in the Rothschild Green Shield house in Frankfurt and who was then the principal Rothschild agent in the US, advised Rockefeller and developed the infamous rebate deal which Rockefeller secretly demanded from railroads shipping competitors' oil. These same railroads were already monopolised by Rothschild control through agents and allies J. P. Morgan and Kuhn, Loeb & Company (Schiff was on the Board) which, together, controlled 95 per cent of all US railroad mileage.

By 1850, James Rothschild, the heir of the French branch of the family, was said to be worth 600 million French francs—150 million more than all the other bankers in France put together. James had been established in Paris by Mayer Amschel in 1812, with capital of \$200,000. At the time of his death in 1868, fifty-six years later, his annual income was \$40,000,000. No fortune in America at that time equalled even one year of James' income.

Referring to James Rothschild, the poet Heinrich Heine said:

By the mid-1800s, they dominated all European banking and were certainly the wealthiest family in the world.

Money is the god of our times, and Rothschild is his prophet. James built his fabulous mansion, called Ferrières, 19 miles northeast of Paris. Wilhelm I, on first seeing it, exclaimed: *Kings couldn't afford this. It could only belong to a Rothschild!*

Another 19th century French commentator put it this way:

There is but one power in Europe, and that is Rothschild.

There is no evidence that the Rothschilds' predominant standing in European or world finance has changed. To the contrary, as their wealth has increased, they have simply increased their 'passion for anonymity'. Their vast holdings rarely bear their name.

Author Frederic Morton wrote that the Rothschilds had:

...conquered the world more thoroughly, more cunningly, and much more lastingly than all the Caesars before...

8. THE AMERICAN REVOLUTION

Now let's take a look at the results the Bank of England produced on the British economy and how, later, this was the root cause of the American Revolution.

By the mid-1700s, the British Empire was approaching its height of power around the world. Britain had fought four wars in Europe since the creation of its privately owned central bank, the Bank of England. The cost had been high. To finance these wars the British Parliament, rather than issuing its own debt-free currency, had borrowed heavily from the bank.

By the mid-1700s, the British Government's debt amounted to £140,000,000—a staggering sum for those days. Consequently, the government embarked on a program of trying to raise revenues from its American colonies in order to make the interest payments to the bank.

But in America it was a different story. The scourge of a privately owned central bank had not yet landed in America, though the Bank of England exerted its baneful influence over the American colonies after 1694. Four years earlier, in 1690, the Massachusetts Bay colony had printed

its own paper money—the first in America—and was followed in 1703 by South Carolina and then by other colonies.

In the mid-1700s, pre-revolutionary America was still relatively poor. There was a severe shortage of precious metal coins to trade for goods, so the early colonists were increasingly forced to experiment with printing their own home-grown paper money. Some of these experiments were successful. Tobacco was used as money in some colonies, with success.

In 1720, every colonial Royal Governor was instructed to curtail the issue of colonial money, but this was largely unsuccessful. In 1742, the British Resumption Act required that taxes and other debts be paid in gold. This caused a depression in the colonies, and property was seized on foreclosure by the rich for one-tenth its value.

Benjamin Franklin was a big supporter of the colonies printing their own money. In 1757, Franklin was sent to London to fight for colonial paper money. He ended up staying for the next 18 years—nearly until the start of the American Revolution.

During this period, more American colonies ignored Parliament and began to issue their own money, called 'colonial scrip'. The endeavour was successful, with notable exceptions. Colonial scrip provided a reliable medium of exchange and it also helped

provide a feeling of unity between the colonies. Remember, most colonial scrip was just paper money, debt-free money, printed in the public interest and not really backed by gold or silver coin. In other words, it was a fiat currency.

Officials of the Bank of England asked Franklin how he would account for the newfound prosperity of the colonies. Without hesitation he replied:

That is simple. In the colonies we issue our own money. It is called Colonial Scrip. We issue it in proper proportion to the demands of trade and industry to make the products pass easily from the producers to the consumers... In this manner, creating for ourselves our own paper money, we control its purchasing power, and we have no interest to pay to no one.

This was just common sense to Franklin, but you can imagine the impact it had at the Bank of England. America had learned the secret of money, and that genie had to be returned to its bottle as soon as possible. As a result, Parliament hurriedly passed the Currency Act of 1764. This prohibited colonial officials from issuing their own money, and ordered them to pay all future taxes in gold or silver coins. In other words, it forced the colonies onto a gold and silver standard. This initiated the first intense phase of the First Bank War in America, which ended in defeat for the Money Changers, beginning with the Declaration of Independence and concluding with the subsequent peace deal, the Treaty of Paris, in 1783.

For those who believe that a gold standard is the answer for America's current monetary problems, look what happened to America after the Currency Act of 1764 was passed. In his autobiography, Franklin wrote:

In one year the conditions were so reversed that the era of prosperity ended and a depression set in, to such an extent that the streets of the Colonies were filled with unemployed.

Franklin claims that this was even the basic cause of the American Revolution. As Franklin put it in his autobiography:

The Colonies would gladly have borne the little tax on tea and other matters had it not been that England took away from the Colonies their money, which created unemployment and dissatisfaction.

In 1774, Parliament passed the Stamp Act which required that a stamp be placed on every instrument of commerce, indicating payment of tax in gold—which again threatened the colonial paper money. Less than two weeks later, the Massachusetts Committee of Safety passed a resolution directing the issuance of more colonial currency and honouring the currency of other colonies.

On 10 and 22 June 1775, the Congress of the Colonies resolved to issue \$2 million in paper money based on the credit and faith of the "United Colonies". This flew in the face of the Bank of England and Parliament. It constituted an act of defiance, a refusal to accept a monetary system unjust to the people of the colonies.

Thus the bills of credit [i.e., paper money] which historians with ignorance or prejudice have belittled as instruments of reckless financial policy were really the standards of the Revolution. They were more than this: they were the Revolution itself.

— Alexander Del Mar, historian

By the time the first shots were fired in Concord and Lexington, Massachusetts, on 19 April 1775, the colonies had been drained of gold and silver coin by British taxation. As a result, the continental government had no choice but to print its own paper money to finance the war.

At the start of the Revolution, the American colonial money supply stood at \$12 million. By the end of the war, it was nearly \$500 million. This was partly a result of massive British counterfeiting. As a result, the currency was virtually worthless. Shoes sold for \$5,000 a pair. As George Washington lamented:

A wagon load of money will scarcely purchase a wagon load of provisions.

Earlier, colonial scrip had worked because just enough was issued to facilitate trade, and counterfeiting was minimal. Today, those who support a gold-backed currency point to this period during the Revolution to demonstrate the evils of a fiat currency. But remember, the same currency had worked so well 20 years earlier during times of peace that the Bank of England had Parliament outlaw it, and during the war the British deliberately sought to undermine it by counterfeiting it in England and shipping it 'by the bale' to the colonies.

9. THE BANK OF NORTH AMERICA

Towards the end of the Revolution, the continental Congress, meeting at Independence Hall in Philadelphia, grew desperate for money. In 1781, they allowed Robert Morris, their Financial Superintendent, to open a privately owned central bank in the hope that this would help. Incidentally, Morris was a wealthy man who had grown wealthier during the Revolution by trading in war materials.

The new bank, the Bank of North America, was closely modelled on the Bank of England. It was allowed to

practise (or rather, it was not prohibited from practising) fractional reserve banking; that is, it could lend out money it didn't have, then charge interest on it. If you or I were to do that, we would be charged with fraud—a felony. Few understood this practice at the time, and, of course, it was concealed from the public and politicians as much as possible. Further, the bank was given a monopoly on issuing banknotes, acceptable in payment of taxes.

The bank's charter called for private investors to put up \$400,000 worth of initial capital. But when Morris was unable to raise the money, he brazenly used his political influence to have gold deposited in the bank—gold which had been lent to America by France. He then lent this money to himself and his friends to reinvest in shares of the bank. The Second American Bank War was on.

Soon, the dangers became clear. The value of American currency continued to plummet. Four years later, in 1785, the bank's charter was not renewed, effectively ending the threat of the bank's power. Thus the Second American Bank War quickly ended in defeat for the Money Changers.

The leader of the successful effort to kill the bank was a patriot named William Findley, from Pennsylvania. He explained the problem this way:

This institution, having no principle but that of avarice, will never be varied in its object...to engross all the wealth, power and influence of the state.

There is no evidence that the Rothschilds' predominant standing in European or world finance has changed. To the contrary, as their wealth has increased, they have simply increased their 'passion for anonymity'.

Plutocracy, once established, will corrupt the legislature so that laws will be made in its favour, and the administration of justice will favour the rich.

The men behind the Bank of North America—Alexander Hamilton, Robert Morris, and the Bank's President, Thomas Willing—did not give up. Only six years later, Hamilton, then Secretary of the Treasury, and his mentor, Morris, rammed a new privately owned central bank, the First Bank of the United States, through the new Congress. Thomas Willing again served as the bank's president. The players were the same, only the name of the bank was changed.

10. THE CONSTITUTIONAL CONVENTION

In 1787, colonial leaders assembled in Philadelphia to replace the ailing Articles of Confederation. As we saw earlier, both Thomas Jefferson and James Madison were unalterably opposed to a privately owned central bank. They had seen the problems caused by the Bank of England. They wanted nothing of it. As Jefferson later put it:

If the American people ever allow private banks to control the issue of their currency, first by inflation, then by deflation, the banks and the corporations which grow up around them will deprive the people of all property until their children wake up homeless on the continent their fathers conquered.

During the debate over the future monetary system, another one of the founding fathers, Gouvenor Morris, headed the committee that wrote the final draft of the Constitution. Morris knew the motivations of the bankers well.

Along with his old boss, Robert Morris, Gouvenor Morris and Alexander Hamilton were the ones who

had presented the original plan for the Bank of North America to the continental Congress in the last year of the Revolution.

In a letter he wrote to James Madison on 2 July 1787, Gouvenor Morris revealed what was really going on:

The rich will strive to establish their dominion and enslave the rest. They always did. They always will... They will have the same effect here as elsewhere if we do not, by the power of government, keep them in their proper spheres.

Despite the defection of Gouvenor Morris from the ranks of the bank, Hamilton, Robert Morris, Thomas Willing and their European backers were not about to give up. They convinced the bulk of the delegates to the Constitution Convention not to give Congress the power to issue paper money. Most of the delegates were still reeling from the wild inflation of the paper currency during the Revolution. They had forgotten how well colonial scrip had worked before the war. But the Bank of England had not. The Money Changers could not stand to have America printing her own money again.

Many believed that the Tenth Amendment, which reserved powers to the states which were not delegated to the federal government by the Constitution, made the issuance of paper money by the federal government unconstitutional, since the power to issue paper money was not specifically delegated to the federal government in the Constitution. The Constitution is silent on this point. However, the Constitution specifically forbade the individual States to "emit bills of credit" (paper money).

Most of the framers intended the Constitution's silence to keep the new federal government from having the power to authorise paper money creation. Indeed, the Journal of the Convention for 16 August reads as follows:

It was moved and seconded to strike out the words 'and emit bills of credit' and the motion...passed in the affirmative.

But Hamilton and his banker friends saw this silence as an opportunity for keeping the government out of paper money creation which they hoped to monopolise privately. So both bankers and anti-banking delegates, for opposing motives, supported leaving any federal government authority for paper money creation out of the Constitution, by a four-to-one margin. This ambiguity left the door open for the Money Changers—just as they had planned.

Of course, paper money was not itself the main problem. Fractional reserve lending was the greater problem, since it multiplied any inflation caused by excessive paper currency issuance by several times. But this was not understood by many, whereas the evils of excessive paper currency issuance were.

In their belief that prohibiting paper currency was a good end, the framers were well advised. Prohibiting all paper currency

would have severely limited the fractional reserve banking then practised, since the use of checks was minimal and arguably would have been prohibited as well. But bank loans, created as book entries, were not addressed and so were not prohibited.

As it happened, the federal and state governments were widely regarded as prohibited from paper money creation, whereas private banks were not—it being argued that this power, by not being specifically prohibited, was reserved for the people (including legal persons, such as incorporated banks).

The contrary argument was that bank corporations were instruments or agencies of the states which incorporated them and so were prohibited from "emitting bills of credit", as were the states themselves. This argument was ignored by the bankers, who proceeded to issue paper banknotes based on fractional reserves, and it lost all force once the US Supreme Court ruled that even the federal government could charter a bank which could issue paper money. In the end, only the states were prohibited from issuing paper money, and neither private banks nor even municipalities were prohibited from issuing paper money (as happened in around 400 cities during the Great Depression).

Another error not often understood concerns the authority given the federal government "to coin money" and "to regulate the value thereof". Regulating the value of money (that is to say, its purchasing power or value relative to other things) has nothing to do with quality or content (e.g., so many grains of gold or copper, etc.), but has to do with its quantity—the supply of money. It is quantity that determines its value, and never has Congress legislated any total quantity of money in the United States.

Legislating a total money supply (including currency, checks and all bank deposits) would, in fact, regulate the value (purchasing power) of each dollar. Legislating the rate of growth of the money supply would then determine its future value. Congress has never done either, though it clearly has the constitutional authority to do so. It has left this function to the Federal Reserve and the 10,000+ banks which create our money supply.

Fractional reserve lending was the greater problem, since it multiplied any inflation caused by excessive paper currency issuance by several times.

11. THE FIRST BANK OF THE UNITED STATES

In 1790, less than three years after the Constitution had been signed, the Money Changers struck again. The newly appointed first Secretary of the Treasury, Alexander Hamilton, proposed a bill to the Congress, calling for a new privately owned central bank.

Coincidentally, that was the very year that Mayer Rothschild made his pronouncement from his flagship bank in Frankfurt:

Let me issue and control a nation's money and I care not who writes its laws.

Alexander Hamilton was a tool of the international bankers. He wanted to create another private central bank, the Bank of the United States, and did so. He convinced Washington to sign the bill, despite Washington's reservations and Jefferson's and Madison's opposition.

To win over Washington, Hamilton developed the "implied powers" argument used so often since to eviscerate the Constitution. Jefferson correctly predicted the dire consequences of opening such a Pandora's box which would allow judges to "imply" whatever they wished.

Interestingly, one of Hamilton's first jobs after graduating from law school in 1782 was as an aide to Robert Morris, the head of the Bank of North America. In fact, the year before, Hamilton had written Morris a letter, saying:

A national debt, if it is not excessive, will be to us a national blessing.

A "blessing" to whom?

After a year of intense debate, in 1791 Congress passed Hamilton's bank

bill and gave it a 20-year charter. The new bank was to be called the First Bank of the United States, or BUS. Thus the Third American Bank War began.

The First Bank of the United States was headquartered in Philadelphia. The bank was given authority to print currency and make loans based on fractional reserves, even though 80 per cent of its stock would be held by private investors. The other 20 per cent would be purchased by the US Government, but the reason was not to give the government a piece of the action: it was to provide the initial capital for the other 80 per cent owners.

As with the old Bank of North America and the Bank of England before that, the stockholders never paid the full amount for their shares. The US Government put up its initial \$2,000,000 in cash; then the bank, through the old magic of fractional reserve lending, made loans to its charter investors so they could come up with the remaining \$8,000,000 in capital needed for this risk-free investment.

As with the Bank of England, the name of the bank—the Bank of the United States—was deliberately chosen to hide the fact that it was privately controlled. And, as in the case of the Bank of England, the names of the investors in the bank were never revealed.

The bank was promoted to Congress as a way to bring stability to the banking system and to eliminate inflation. So what happened? Over the first five years, the US Government borrowed \$8.2 million from the First Bank of the United States. In that period, prices rose by 72 per cent.

Jefferson, the new Secretary of State, watched the borrowing with sadness and frustration, unable to stop it:

Napoleon declared that when a government is dependent upon bankers for money, the bankers—not the leaders of the government—are in control.

I wish it were possible to obtain a single amendment to our Constitution, taking from the federal government the power of borrowing.

President Adams denounced the issuance of private banknotes as a fraud upon the public. He was supported in this view by all conservative opinion of his time. Why continue to farm out to private banks, for nothing, a prerogative of government?

Millions of Americans feel the same way today. They watch in helpless frustration as the federal government borrows the American taxpayer into oblivion—borrowing, from private banks and the rich, the money the government has the authority and duty to issue itself, without debt.

So, although it was called the First Bank of the United States, it was not the first attempt at a privately owned central bank in the US. As with the first two, the Bank of England and the Bank of North America, the government put up the cash to get this private bank going, then the bankers lent that money to each other to buy the remaining stock in the bank.

It was a scam, plain and simple—and they wouldn't be able to get away with it for long.

12. NAPOLEON'S RISE TO POWER IN FRANCE

Next we have to travel back to Europe to see how a single man was able to manipulate the entire British economy by obtaining the first news of Napoleon's final defeat.

In Paris in 1800, the Bank of France was organised, along similar lines to the Bank of England. But Napoleon decided France had to break free of debt. He never trusted the Bank of

France, even when he put some of his own relatives on the governing board.

Napoleon declared that when a government is dependent upon bankers for money, the bankers—not the leaders of the government—are in control:

The hand that gives is above the hand that takes. Money has no motherland; financiers are without patriotism and without decency: their sole object is gain.

He clearly saw the dangers, but did not see the proper safeguards or solution.

Back in America, unexpected help was about to arrive. In 1800, Thomas Jefferson narrowly defeated John Adams to become the third President of the United States. By 1803, Jefferson and Napoleon had struck a deal. The US would give Napoleon \$3,000,000 in gold, in exchange for a huge chunk of territory west of the Mississippi River: the Louisiana Purchase.

With that three million dollars in gold, Napoleon quickly forged an army and set off across Europe, conquering everything in his path. But England and the Bank of England quickly rose to oppose him. They financed every nation in his path, reaping the enormous profits of war. Prussia, Austria and finally Russia all went heavily into debt in a futile attempt to stop Napoleon.

Four years later, with the main French Army in Russia, thirty-year-old Nathan Rothschild—the head of the London office of the Rothschild family—personally took charge of a bold plan to smuggle a much-needed shipment of gold right through France to finance an attack from Spain by Britain's Duke of Wellington.

Nathan later bragged at a dinner party in London that it was the best business he'd ever done. He made money on each step of the

shipment. Little did he know then that he would do much better business in the near future.

Wellington's attacks from the south, and other defeats, eventually forced Napoleon to abdicate. Louis XVIII was crowned King and Napoleon was exiled from France to Elba, a tiny island off the coast of Italy, supposedly for ever.

13. DEMISE OF THE FIRST BANK OF THE UNITED STATES AND THE WAR OF 1812

While Napoleon was in exile, temporarily defeated by England with the financial help of the Rothschilds, America was trying to break free of its central bank as well.

In 1811, a bill was put before Congress to renew the charter of the Bank of the United States. The debate grew very heated and the legislature of both Pennsylvania and Virginia passed resolutions asking Congress to kill the bank.

The press corps of the day attacked the bank openly, calling it "a great swindle", a "vulture", a "viper", and a "cobra". Oh, to have an independent press once again in America!

A Congressman named P. B. Porter attacked the bank from the floor of Congress, prophetically warning that if the bank's charter were renewed, Congress "will have planted in the bosom of this Constitution a viper, which one day or another will sting the liberties of this country to the heart".

Prospects didn't look good for the bank. Some writers have claimed that Nathan Rothschild warned that the United States would find itself involved in a most disastrous war if the bank's charter were not renewed. But it wasn't enough. When the smoke had cleared, the renewal bill was defeated by a single vote in the House and was deadlocked in the Senate.

By now, America's fourth President, James Madison, was in the White House. Remember, Madison was a staunch opponent of the bank. His Vice President, George Clinton, broke a tie in the Senate and sent the First Bank of the United States—the second privately owned central bank based in America—into oblivion. Thus, the Third American Bank War, lasting 20 years, ended in defeat for the Money Changers.

Within five months, as Rothschild was said to have predicated, England attacked the United States and the War of 1812 was on. But the British were still busy fighting Napoleon, and so the War of 1812 ended in a draw in 1814.

It is interesting to note that, during this war, the US Treasury printed some government paper money, not bearing interest, to fund the war effort—an act not repeated until the Civil War.

Though the Money Changers were temporarily down, they were far from out. It would take them only another two years to bring in a fourth private central bank, bigger and stronger than before.

14. THE BATTLE OF WATERLOO, 1815

But now let's return for a moment to Napoleon. This episode aptly demonstrates the cunning of the Rothschild family in gaining control of the British stock market after Waterloo.

In 1815, a year after the end of the War of 1812, Napoleon escaped his exile and resumed to Paris. French troops were sent out to capture him, but such was his charisma that the soldiers rallied around their old leader and hailed him as their Emperor once

again. Napoleon returned to Paris a hero. King Louis fled into exile and Napoleon again ascended the French throne—this time, without a shot being fired.

In March 1815, Napoleon equipped an army which Britain's Duke of Wellington defeated less than 90 days later at Waterloo. He borrowed five million pounds from the Ouard banking house in Paris in order to re-arm. Nevertheless, from about this point on, it was not unusual for privately controlled central banks to finance both sides in a war.

Why would a central bank finance opposing sides in a war? Because war is the biggest debt-generator of them all. A nation will borrow any amount for victory. The ultimate loser is lent just enough to hold out the vain hope of victory, and the ultimate winner is given enough to win. Besides, such loans are usually conditional upon the guarantee that the victor will honour the debts of the vanquished. Only the bankers cannot lose.

The site of the Waterloo battlefield is about 200 miles northeast of Paris, in what today is Belgium. There, Napoleon suffered his final defeat, but not before thousands of Frenchmen and Englishmen gave their lives on a steamy summer day in June 1815.

On that day, 18 June, 74,000 French troops met 67,000 troops from Britain and other European nations. The outcome was certainly in doubt. In fact, had Napoleon attacked a few hours earlier, he would probably have won the battle.

But no matter who won or lost, back in London Nathan Rothschild planned to use the opportunity to try to seize control over the British stock-and-bond market. The following account is hotly disputed by the Rothschilds.

Rothschild stationed a trusted agent, a man named Rothworth, on the north side of the battlefield, closer to the English Channel. Once the battle had been decided, Rothworth took off for the Channel. He delivered the news to Nathan Rothschild a full 24 hours before Wellington's own courier.

Rothschild hurried to the stock market and took up his usual position in front of an ancient pillar. All eyes were on him. The Rothschilds had a legendary communication network. If Wellington had been defeated and Napoleon were loose on the Continent again, Britain's financial situation would become grave indeed. Rothschild looked saddened. He stood there motionless, eyes downcast. Then, suddenly, he began selling.

Other nervous investors saw that Rothschild was selling. It could only mean one thing: Napoleon must have won; Wellington must have been defeated. The market plummeted. Soon, everyone was selling their consols—their British government bonds and other stocks—and prices dropped. Then Rothschild and his financial allies started secretly buying through agents.

Myths, legends, you say? One hundred years later, the *New York Times* ran a story which said that Nathan Rothschild's grandson had attempted to secure a court order to suppress a book containing this stock market story. The Rothschild family claimed the story was untrue and libellous, but the court denied the Rothschilds' request and ordered the family to pay all court costs.

Why would a central bank finance opposing sides in a war? Because war is the biggest debt-generator of them all. A nation will borrow any amount for victory.

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HORMONE REPLACEMENT

A Cause of Cardiovascular Disease

The overzealous prescribing of synthetic hormones to menopausal women to protect them against cardiovascular disease is based on faulty data and has caused a rise in heart attack and stroke incidence in these women.

by Sherrill Sellman © 1998

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Medical science has always blamed a woman's physiology for many of her physical and mental health problems. The 'science' of gynaecology had its beginnings in the mid-Victorian era when attitudes to women were at their most bizarre. For instance, it was once thought that the intellectual development of a woman reduced her reproductive abilities, which was the justification for barring her from access to higher education. The uterus was blamed for many a Victorian woman's medical condition, such as "simple hysterical mania", nymphomania, depression and even the "uncontrollable urge to waltz", which could easily be remedied with a hysterectomy. Clitoridectomies (the surgical removal of the clitoris) were also a popular practice by Victorian doctors to prevent impairment of health, headaches, attacks of hysteria as well as an "undisciplined mind".

In the early 1900s, "ovaromania", a form of insanity, was a popular disease of women. It was primarily diagnosed by the presenting symptoms of "unhappiness" or "hysteria" and was often used to label women who were unwilling to carry out household duties or whose husbands found them difficult to control. The solution was simple: removal of the ovaries. By 1906, 150,000 American women had been subjected to this useless form of female castration. The average age was thirty.¹

The pathologising of women's natural cycles continued throughout this century. Until the early 1960s, the menopausal woman was diagnosed as suffering from a psychological condition which necessitated treatment with tranquillisers, antidepressants and even institutionalisation. With the arrival of synthetic hormones, menopause moved into the realm of medicine by being redefined as an "oestrogen deficiency" disease. Oestrogen became the drug of choice recommended to free the menopausal women from the "horror of this living decay" that threatened to cause her extreme suffering and incapacity.²

Through drug companies' massive advertising campaigns which targeted both medical professionals as well as the public, hormone replacement therapy (HRT, the combination of synthetic oestrogen and progestin) has triumphed as the primary drug treatment for menopausal women. It is recommended not only for alleviating menopausal symptoms but also as a preventive treatment for osteoporosis. Heart disease has now also been added to HRT's ever-expanding role as a miraculous cure-all. Unfortunately, hormone replacement therapy is a dangerous and potentially life-threatening drug treatment. To date, there are no long-term studies demonstrating the absolute safety or even rationales for its many uses. Like the other past "treatments", it leaves in its wake many physically and psychologically maimed women.

MENOPAUSE AND CARDIOVASCULAR DISEASE

Oestrogen is now being touted by mainstream medicine as a great preventative of cardiovascular disease. It is a major reason why an otherwise healthy menopausal woman is prescribed HRT. To understand the issues at hand, it is first necessary to have a better understanding about cardiovascular disease.

Cardiovascular disease includes both heart disease and stroke. Stroke, like heart disease, is a vascular disease, a disease of the blood vessels. In both cases, the blood vessels become narrow either through spasm or through atherosclerosis, the narrowing of the arteries that feed the heart; therefore, not enough blood gets to a critical place. In the case of heart disease it is the heart, and with strokes it is the brain. Cardiovascular disease also encompasses high blood pressure and coronary artery disease.

The argument is made that deaths due to heart disease in women are very uncommon prior to menopause, but that after menopause deaths increase sharply. Oestrogen deficiency is blamed for this increase. It is therefore recommended that all menopausal women should now be placed on HRT as a preventive treatment, whether or not they have a history of heart disease. Menopause itself is thus perceived as a dangerous risk factor for the increasing incidence of heart disease. This neat argument has women clamouring for oestrogen supplementation. But is it true?

Professor Hugh Tunstall-Pedoe, a renowned cardiovascular epidemiologist at the University of Dundee, Scotland, says emphatically, "Absolutely not". According to him, it is a myth that the menopause is bad for women's hearts. "It is unarguable that risk of myocardial infarction (heart attacks) and coronary death is lower in women than in men in middle ages. However, there is a myth that risk in women is held low only until the menopause, around age 50 years, when it rebounds, equalling and later surpassing that in men." In an article published in the *Lancet*, Professor Tunstall-Pedoe writes that the increased risk of coronary heart disease (CHD) in women with premature or artificial menopause, lipid changes at menopause, and observational studies suggesting a protective effect of HRT, all contribute to the myth.³

The myth implies that coronary deaths in women should accelerate more rapidly after the age of 50 and the rise should be specific to heart disease. However, Professor Tunstall-Pedoe's analysis, comparing the rate of CHD deaths per million women with the rate for men, shows women's death rates do not surge after menopause and, in fact, never catch up to those of men. "There is no rebound acceleration in risk in women at or after the age of 50 years," he says.

Professor Tunstall-Pedoe's research reveals that the reason the numbers of elderly women dying from CHD are greater than the numbers of elderly men dying from the disease is simply that many more women than men live to be elderly.

Professor Valerie Beral, a leading epidemiologist and head of the Imperial Cancer Research Fund at Oxford University, concurs that there is no evidence for a change in CHD pattern around menopause, but the idea is nonetheless widespread. "It's sort of grown up as a myth along with the idea that therefore giving HRT will protect you...the idea that it's [HRT] going to protect women in the long term from coronary disease, which is the main reason it is often given—there is really no basis for that."⁴

Dr Susan Love—breast surgeon, an adjunct associate professor of clinical surgery at UCLA, director of the Santa Barbara Breast Cancer Institute and a leading author—agrees. "Heart disease is not a symptom of menopause. Heart disease is heart disease. It is more common in women than in premenopausal women but that's because postmenopausal women are older than premenopausal women. It's like gray: you're more likely to have gray hair after menopause than before it, but menopause doesn't cause gray hair—rather, they both tend to happen in later life.

"The standard line has always been that women are protected from heart disease as long as their bodies make oestrogen, and then after menopause they lose that protection and rates of heart disease for men and women become equal. But in fact, the rates never become equal. In this country [USA], women in their six-

ties and seventies have 45 per cent less heart disease than men in the same age bracket. Women develop heart disease much later than men—seven or eight years later. Women's risk rises continuously as they get older but there's no sudden increase with menopause. We never catch up."⁵

OESTROGEN DEFICIENCY AND HEART DISEASE

The corollary to the menopause/heart disease myth is that there is a reduction of oestrogen at menopause. In fact, it is often erroneously stated that the ovaries fail at menopause, resulting in an oestrogen deficiency. This oestrogen deficiency is then attributed to a higher incidence of heart disease in the postmenopausal woman. While women have been led to believe that this lack of oestrogen during the menopausal years is the cause of a variety of symptoms and potentially debilitating conditions, there is a growing body of evidence that disputes this belief.

Dr Jerilynn Prior, a physician and professor of endocrinology at the University of Vancouver in British Columbia, points out that, to date, there exists no study proving the relationship between oestrogen deficiency and menopausal symptoms and related diseases. "Instead," says Dr Prior, "a notion has been put forward that since oestrogen levels go down, this is the most important change and explains all the things that may or may not be related to menopause. So oestrogen treatment at this stage of our understanding is premature. This is a kind of backwards science. It leads to ridiculous ideas—like calling a headache an aspirin deficiency disease."⁶

According to Dr Susan Love: "Making eggs isn't the ovaries' only function any more than reproduction is a woman's whole function. The ovary is more than just an egg sac. It's an endocrine organ—an organ that produces hormones. And it produces hormones before, during and after menopause. With menopause the ovary goes through a shift from a follicle-rich producer of estrogen and progesterone into a stromal-rich producer of estrogen and androgen. Stroma is the glue that holds all the

eggs together. In the postmenopausal woman the ovary responds with increased production of testosterone as well as continued lower levels of the estrogens, estrone and estradiol, and the estrogen precursor, androstenedione."⁷

So, contrary to popular belief, the ovaries do not shrivel up or cease functioning at menopause. Ovaries continue to produce hormones, including oestrogens, throughout the life cycle, though the amounts they produce change depending on a woman's age.

It is an erroneous belief that the ovaries cease producing oestrogen at menopause. Since the menopausal woman is no longer in her reproductive cycle, it is not necessary for the body to produce the high levels of oestrogen required to mature an egg. Therefore, as women age, the ovaries grow smaller, as Nature intended. However, the part of the ovary that shrinks is known as the 'theca', the outermost covering where the eggs grow and develop. The innermost part of the ovary, known as the 'inner stroma', actually becomes active for the first time in a woman's life. With exquisite timing, one function starts up as the other winds down.

Dr John Lee, physician, author and critic of hormone replacement therapy, explains: "Estrogen levels decline at menopause, but not to zero. Estradiol falls generally to about 15 per cent of pre-menopausal levels and estrone falls only to 40–50 per cent of

"Estrogen deficiency at menopause is a myth created by drug companies to justify selling supplemental estrogen."

Dr John Lee
The John R. Lee Medical Letter
August 1998, p. 3

pre-menopausal levels. Adrenostenedione, a hormone made in the ovary long after menopause, is converted in body fat into estrone which is partially converted in the gut and liver into estradiol. Did Mother Nature intend that women should become estrogen deficient after menopause? I think not. Estrogen deficiency at menopause is a myth created by drug companies to justify selling supplemental estrogen.⁸

Nature designed the postmenopausal woman to produce adequate levels of oestrogen for that stage of life. Thus, lower levels of oestrogen at menopause are a natural adjustment to that stage of life. It does not mean a pathology of "oestrogen deficiency".

It is interesting to note that the *Consumer Guide to Prescription Drugs* warns that women should not take oestrogens or progestins if they have current or past clotting disorders, thrombosis, stroke history, cerebrovascular or cardiovascular disorders, high lipoproteins (a specific type of blood fats), severe uncontrolled hypertension or lipid metabolism disorders.⁹

The packet insert of the combined oestrogen and progestin pill, Prempro, warns: "...taking estrogen may increase the risk of blood clots. These clots can cause a stroke, heart attack or pulmonary embolism, any of which may cause death or serious long-term disability."

And these drugs are being prescribed to prevent heart disease? One does not need to have a medical degree to realise that something is very seriously wrong with a theory that endorses HRT as a treatment for heart disease.

HORMONE REPLACEMENT: THEORY MASQUERADING AS FACT

The theory of hormone replacement therapy as a protection against heart disease emerged in 1991 with findings from a large prospective study, the Nurses Health Study, conducted by a team from Harvard. This study was highly influential in establishing a positive oestrogen/cardiovascular link. Its data came from questionnaires mailed every two years from 1976 to 1986 to 48,470 female nurses.¹⁰

The results from the study showed that women who had taken oestrogen postmenopausally experienced only half the risk of coronary heart disease than those who hadn't.

Unfortunately, this study was later found to be seriously flawed and the statistics manipulated. Since the study was observational, it was undetermined whether it was oestrogen that actually lowered the risk or whether women with generally good health were more likely to be on oestrogen in the first place.

As it turned out, the women who took oestrogen were of a higher socio-economic status, better educated, thinner, and more likely to be non-smokers. These women also tended to have more regular consultations with their doctors and therefore were considered more likely to have continuing preventive care.

On the other hand, the nurses in this study who were not using hormones were more likely to be diabetic, to be cigarette smokers, to have more body fat and to do less exercise. All of these are risk factors for heart disease.

The researchers also seemed to overlook (or ignore) a rather startling finding: the oestrogen users had a 50 per cent higher incidence of stroke death!¹¹

Again, the pharmaceutical companies admitted in the Prempro packet insert that: "...some research has shown that estrogens without progestins may protect women against developing heart disease. However, this is not certain. The protection shown may have been caused by the characteristics of the estrogen-treated women, and not by the estrogen treatment itself. In general, women treated were slimmer, more physically active and were less likely to have diabetes than untreated women."

Despite the faulty nature of the Nurses Health Study, it has become the cornerstone of a well-orchestrated marketing campaign to convince healthy women that HRT could prevent heart disease! As is the custom of mainstream medicine, doctors have been bombarded with advertisements for the claimed benefits of oestrogen—with the stroke risks completely ignored. Thus, based on an unsubstantiated theory and poorly designed studies, there is a huge push by most mainstream doctors to have their all their menopausal and postmenopausal patients take HRT.

The Framingham Heart Study, the only ongoing, long-term epidemiological study in the United States, conducted on 240,000 women, reported that the postmenopausal oestrogen-users had no benefit in terms of heart disease but a 50 per cent increased incidence of strokes. Oestrogen users had a higher risk of vascular disease, which was independent of any other known risks.¹²

However, such serious questions about oestrogen's efficacy and safety were totally ignored as the pharmaceutical companies, realising the potential of another huge market, were extremely eager to add another string to the HRT bow.

To test the oestrogen/cardiovascular relationship further, in 1995 Professor Elizabeth Barrett-Connor, from the University of California, conducted studies to see if levels of hormones in the blood affected heart disease. She measured testosterone, estrone and androstenedione. She found no relationship between the blood levels of these sex hormones and heart disease in postmenopausal women.¹³ Nor did she find any relationship between blood levels of oestrogen and cholesterol levels, LDL and triglycerides. Other studies have

confirmed this finding. Although obesity increases blood levels of oestrogen, it certainly doesn't decrease heart disease. On the contrary, obesity is one of the greatest contributors to heart disease. So, once again, serious doubt has been cast on oestrogen's cardiovascular benefits.

In the pursuit of establishing a definite beneficial link between HRT and the heart, Wyeth-Ayerst, the pharmaceutical company manufacturing Premarin, funded the US\$40 million study, called the Heart and Estrogen-Progestin Study (HERS), which was to investigate Premarin's effect for women with pre-existing coronary artery disease. It was the first randomised controlled trial considered large enough to examine the effects of HRT on cardiovascular outcomes. The study enrolled 2,763 postmenopausal women (average age, 67) with a previous history of a heart attack,

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heart surgery including bypass, angioplasty or narrowing of the arteries. Half of the group took 0.635 mg of Premarin and 2.5 mg of Provera daily; the other half took a placebo. They were followed for a five-year period.¹⁴

The findings from this study, which were released in August 1998, sent shock waves throughout the medical community worldwide. For the women taking hormones, the risk of myocardial infarction increased by about 50 per cent the first year and then decreased by the fourth and fifth years, leaving "no overall benefit". In addition, there was a threefold increase in venous thromboembolic events (blood clots in the legs and lungs) and a significant increase in gall bladder disease in the user group.

Other surprising findings revealed that although the 'good' cholesterol increased by 10 per cent and the 'bad' cholesterol decreased by 10 per cent, this change had virtually no protective effect. It brought to light that the great emphasis placed on cholesterol levels in preventing heart attacks may indeed be a red herring. More and more studies are emerging that support this belief.

Professor Barrett-Connor commented on the study: "I wouldn't be putting women with heart disease on HRT to prevent a heart attack because there is an increased risk in people with heart disease. This excess of heart disease was really surprising."¹⁵

The results of this study stopped the use of HRT for secondary prevention of heart disease dead in its tracks. But what about its effectiveness for primary prevention? Does it really have any protective benefits against cardiovascular disease? While all the focus has been on oestrogen, what about the effect when it is combined with a progestin? (Oestrogen is not usually prescribed alone to a woman with an intact uterus because of its known carcinogenic effect on the uterus.)

PROGESTINS: A GUILTY PARTY

The claims that oestrogen therapy can prevent heart disease are problematic. Moreover, women's natural oestrogen levels seem to have little or no effect on their rate of heart disease.

Dr Susan Love states: "In osteoporosis, breast cancer and endometrial cancer, factors associated with the body's own estrogens correlate with the risk of the disease. For example, the larger your lifetime supply of oestrogen—whether because you started menstruating early, took certain medications or never became

pregnant—the greater your risk of breast cancer and the lower your risk of osteoporosis...but there is no clear relationship between heart disease and your body's own estrogen. The amount of estrogen your body makes over your lifetime doesn't appear to have any effect on your risk of heart disease."¹⁶

However, it does seem that supplemental oestrogen has a beneficial effect on cholesterol by increasing the 'good' HDL (high-density lipoproteins) and decreasing the 'bad' LDL (low-density lipoproteins). It is believed that this can have a marked effect on subsequent heart disease. But, there is more to heart disease than just cholesterol levels.

Dr John Lee comments: "Yes, estrogen does lower total cholesterol and raise the good HDL, but at what cost? This is only one risk factor for heart disease, and a questionable one at that. Given the risks and side-effects of estrogen, wouldn't it be more sensible to improve cholesterol levels through well-proven and safer routes through a good diet, exercise and antioxidant supplements?"¹⁷

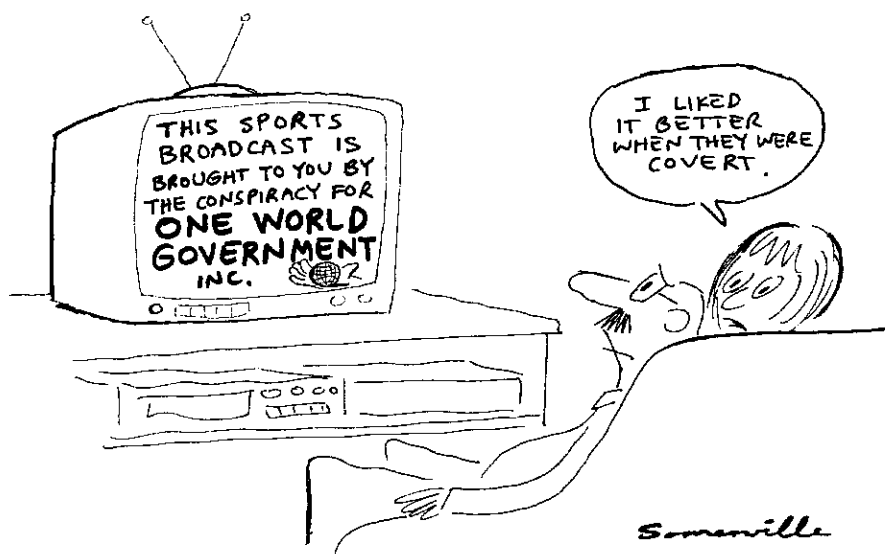
Since it is well researched that "unopposed" oestrogen given to a woman with an intact uterus will put her at high risk of endometrial cancer, hormone treatments now include a synthetic progestin, such as Provera, as well as oestrogen. What are the effects on the heart by including a progestin?

The first randomised controlled study to investigate oestrogen, progestin and progesterone therapy and its effects on lipids in women was the three-year PEPI (postmenopausal estrogen/progestin interventions) trial, the results of which were published in 1995.¹⁸ It included 875 healthy, naturally or surgically postmenopausal women, aged 45 to 64 years old, who were randomly asked to take one of four hormone replacement programs for three years. They included a placebo group, an unopposed oestrogen (Premarin) group, a Premarin and a synthetic progestin (Provera) group, and a Premarin and a natural (oral micronised) progesterone group. (A progestin is a drug that has some similar characteristics as the natural progesterone the body makes but is not the exact molecular match, thus causing many side-effects. Oral micronised natural progesterone is formulated in a laboratory to be the exact molecular match as the progesterone made by the body.)

Since the study was only conducted over three years, the researchers couldn't study the effects of oestrogen/progesterone on heart attacks, so they focused on changes in HDL levels. The study found that the most positive results (the highest levels of HDL) occurred in the oestrogen-only group, with a 0.14 increase in HDL. The group that most closely followed was the oestrogen plus natural progesterone group, with a 0.11 increase in HDL. It was found that adding Provera to Premarin counteracted some of the beneficial effects of Premarin on cholesterol (a 0.03 increase in HDL).

This study clearly showed that natural progesterone was much more effective in maintaining HDL levels than the synthetic progestins which actually lowered the HDL quite significantly. It is interesting to note that the researchers buried their recommendation for natural progesterone in the very last sentence of their paper.¹⁹

In an interview published on the Internet by the American Medical Association, the PEPI trial's principal investigator Dr Elizabeth Barrett-Connor remarked: "If I



were treating a woman primarily because she was worried about heart disease or because she had abnormal blood fats and low HDL cholesterol, I would probably see if she wanted to take micronised (natural) progesterone. I was quite impressed with the better effect."²⁰

Unfortunately, the major finding that natural progesterone played a most beneficial role on HDL levels never made it off the pages of the *Journal of the American Medical Association*. Instead, the first line of the editorial accompanying the PEPI study read: "Estrogen is good for the heart." Once again, the safer and more natural option was totally ignored. According to the president of the American Heart Association, a woman who followed Dr Barrett-Connor's advice about using a natural progesterone might reduce her risk of heart disease by 12 per cent.²¹

It is important to note that the beneficial effects of natural progesterone in the PEPI study occurred when it was used with an oestrogen as part of a hormone replacement therapy. While natural progesterone was never tested on its own, there is a growing body of evidence that suggests it is just as effective as oestrogen in increasing HDL levels, again raising grave concerns that oestrogen's therapeutic effects have been overrated. In fact, it is becoming more and more obvious that the pivotal role given to oestrogen supplementation, itself, for women's hormonal and health problems has been much overrated.

The PEPI study also raised new questions about the safety of Premarin. While it raised HDL levels, five new cases of heart disease developed during the first three years of the study, only in the patients taking Premarin. This suggests at least the possibility that Premarin may actually *cause* heart disease in some postmenopausal women. Also, 10 women receiving Premarin developed blood clots; four of these cases were serious. No women in the placebo group developed blood clots.²²

More disturbing research about progestin's harmful effects on the heart continues to surface. In 1997, Dr Kent Hermsmeyer, a professor of medicine and cell developmental biology at Oregon Health Sciences University, published a groundbreaking study in *Nature Medicine* journal, showing that the synthetic progestin Provera made the muscles of the heart and coronary arteries of rhesus monkeys more reactive and prone to vasospasms. His study set out to investigate the effect of hormones on coronary artery spasms. The ovaries from 12 rhesus monkeys were removed to simulate menopause. Half were given oestrogen and the synthetic progestin, Provera, and the other half were given oestrogen and natural progesterone. Four weeks later the monkeys were injected with a drug to stimulate coronary artery spasm. The monkeys that were on Provera and oestrogen suffered from an unrelenting spasm that would have caused death if they hadn't been injected with an antispasmodic drug. The monkeys that had

been treated with oestradiol and natural progesterone showed very little coronary artery spasm. The study concluded that Provera, in contrast to natural progesterone, increased the risk of coronary vasospasm.²³

Dr Hermsmeyer later commented on the study's relevance to women: "We also didn't expect to find that progesterone alone, without added estrogen, is protective of the coronary arteries. But it is, and I believe that progesterone can be a very important part of decreasing the incidence of sudden heart death and cardiovascular disease in menopausal women. However, we hypothesise that this protection occurs optimally when the woman's body also has subphysiological levels of estrogen, and that the two hormones, progesterone and estrogen, work best together."²⁴

This research was reinforced by a study conducted at Wake Forest University's Bowman's School of Medicine. Their research with heart disease and hormones in monkeys showed that Provera can "obliterate the beneficial effect of estrogen therapy on the progression of coronary artery atherosclerosis" (clogging of the arteries).²⁵

Research has also been conducted on the effects of Provera with vasospasm in women.

At London's National Heart and Lung Institute, Dr Peter Collins led a study using different combinations of HRT. The women were monitored while exercising on a treadmill. The study found that the women who were using natural progesterone could exercise significantly longer than the women taking Provera, who became much more fatigued due to restricted blood-flow.²⁶

The results of these studies are convincing more and more doctors to re-evaluate their use of a progestin like Provera in a hormone replacement regime. Instead they are now realising that natural progesterone is a safer and more effective choice. As a result of the PEPI study, the FDA has recently approved an oral

form of natural progesterone tablet called Prometrium. This is the first time that a natural progesterone product has been patented. However, a transdermal cream is still a much more effective delivery system. It is recommended to use 200 mg of Prometrium for 12 days of a woman's cycle, while only 20 mg is required for a natural progesterone cream.

WOMEN: A PROFITABLE MARKET

Women have been made the target for an aggressive marketing campaign by the pharmaceutical companies in conjunction with the medical profession to get them to use hormone replacement therapy. Reinforced by cultural myths of the ageing woman and gross misinformation about female physiology, tens of millions of HRT scripts are written each year as healthy menopausal women naively believe their doctors when they're told that HRT will protect their hearts.

DIETARY HEART-SAVERS

- Supplements: vitamin E (can reduce the risk of heart attack by up to 70%), vitamin C and selenium, vitamins B6, B12 and folic acid, magnesium, coenzyme Q10, garlic, ginger, hawthorn, carnitine
 - Consumption of fresh fruit and vegetables
 - Moderate alcohol consumption
 - Reduced consumption dairy products
- Reduced sugar intake (sugar is the highest dietary risk factor for heart disease for women over the age of 35 and older [*Journal of Orthomolecular Medicine*, June 1998])
 - Increased consumption of essential fatty acids found in flaxseed, olive, pumpkin and fish oils, and elimination of *trans* fatty acids (as found in margarine)
- Consumption of more soy protein and less animal protein
 - Increased consumption of garlic and ginger
 - Increased fibre in diet

LIFESTYLE HEART-SAVERS

- Increased exercise
 - Reduced obesity
 - Reduced stress levels
 - No smoking

Dr John Lee offers a more enlightened view: "My hypothesis is that the increased risk of cardiovascular disease now associated with menopause may not be due to relatively minor cholesterol plaque or to hormone deficiency *per se*, but to increased risk of coronary vasospasm caused by synthetic progestins, such as medroxyprogesterone acetate (Provera), used in HRT. This does not ignore the effects of aging and other factors. It points the finger at a dangerous drug.

"There's absolutely no excuse for any doctor to prescribe Provera for HRT when we have this kind of data. HRT should include small, physiologic doses of transdermal natural progesterone, which will protect against coronary vasospasm, combined with very small amounts of estrogen, when needed.

"When it comes to optimal cardiovascular health, some women may benefit from a small amount of estrogen. But it is quite probable that, for many women, postmenopausal production of estrone in fat cells may be sufficient when supplemented with natural progesterone."²⁷

The huge financial investment by the pharmaceutical companies and the medical establishment to research, promote and educate the public as well as medical doctors about oestrogen's and progestin's absolutely key role in women's health has transformed an hypothesis into an unassailable fact. However, as the truth is teased out from the myths, what becomes apparent is that this widespread use of steroid supplementation in healthy women is indeed a dangerous and still unproven theory.

Combined oestrogen and progestin have over 120 possible side-effects and risks, as acknowledged by the pharmaceutical companies themselves in warnings published in the *Physicians Desk Reference*. Hopefully the HERS study was a reality check to the medical profession, reminding them that the cautions written on the packet inserts as well as in the *Reference*—stating that both oestrogen and progestin can cause strokes, blood clots, high blood pressure and thickening of the blood, which put users at serious risk of heart attacks—are not warnings of rare or infrequent events. Individually, oestrogen and progestin are potent drugs; however, when combined, their alchemy creates an even more dangerous and volatile mix.

In commenting about oestrogen, Dr Elizabeth Barrett-Connor sums it up poignantly: "No other prescription drug has been given on such a large scale to prevent disease in healthy women without proof of efficacy by a randomised clinical trial."²⁸

The over-zealous prescribing of HRT to women for heart disease is based on unsubstantiated data and incomplete research. Professor Alistair MacLennan, Associate Professor of Obstetrics and Gynaecology at the University of Adelaide, Australia, so much as admitted this fact when he was quoted as saying: "It [using HRT as a cardiovascular protective agent] is a social experiment at the moment based on indirect data."²⁹ A social experiment? Do women really want to be the guinea pigs in yet another massive experiment, be it either social or medical, trialling a potentially debilitating and lethal drug therapy?

It is undeniable that heart disease is a major cause of death among older women. However, neither menopause nor oestrogen deficiency can be assigned the role of villain, but rather a combination of factors which include lifestyle, diet, stress, and ageing itself. It is alarming to realise that for some women the present trend to be prescribed hormone replacement therapy as either a primary or secondary treatment is, in fact, not only contributing to this disease but actually causing it. Needless to say, the consequences to women's health are devastating.

Just as the Victorian procedures that once resulted in needless suffering to so many women are now condemned as bizarre and barbaric mistakes, so, too, in the not-too-distant future, the widespread use of synthetic oestrogen and progestin will also be added to the ranks of major medical mistakes.

About the Author:

Sherrill Sellman is the author of the best-selling book, *Hormone Heresy: What Women MUST Know About Their Hormones*. She is a psychotherapist, a lecturer and a contributing writer to many international magazines on women's health. As a women's health advocate, Sherrill has established the Natural Hormone Health Advisory and Referral Service in Australia for personally counselling women to regain their hormonal health—naturally. For more information, telephone 902 211191 (Australia only).

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MIND CONTROL SLAVERY AND THE NEW WORLD ORDER

**According to this
disturbing report,
Monarch Program
mind-control
survivors claim to
have been used as
high-tech slaves
by top-ranking
intelligence
operatives and
politicians.**

by Uri Dowbenko © 1998

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High-tech slavery is alive and well on planet Earth. Ever since World War II when the United States Government's Project *Paperclip* sponsored the resettlement of about 2,000 high-level Nazis in the United States, the technology of mind-control programming has advanced rapidly.

"The Germans under the Nazi government began to do serious scientific research into trauma-based mind control," write Fritz Springmeier and Cisco Wheeler in their book, *The Illuminati Formula used to create an Undetectable Total Mind Controlled Slave*. "Under the auspices of the Kaiser Wilhelm Medical Institute in Berlin, Josef Mengele conducted mind-control research on thousands of twins and thousands of other hapless victims."

Mengele, known as "The Angel of Death", was one of the approximately 900 military scientists and medical researchers secretly exfiltrated into the United States. There he continued his 'research' and trained others in the black arts of mind control. This work in behaviour manipulation was later incorporated into the CIA's projects *Bluebird* and *Artichoke* which, in 1953, became the notorious *MKULTRA*. The CIA claims that these programs were discontinued, but there is no credible evidence that "the search for the Manchurian candidate" (the title of the definitive book by John Marks) ever ceased.

In fact, Captain John McCarthy, US Army Special Forces (Ret.), who ran CIA assassination teams out of Saigon during the Vietnam War, told his friend, LAPD whistleblower Mike Ruppert, that "*MKULTRA* is a CIA acronym that officially stands for 'Manufacturing Killers Utilizing Lethal Tradecraft Requiring Assassinations'". Thus the CIA's official obsession with producing programmed killers through *MKULTRA* contained more than 149 sub-programs in fields ranging from biology, pharmacology, psychology to laser physics and ESP.

More recently, new evidence points to the continuous use of so-called trauma-based programming techniques to accomplish the same goal. These include the deliberate induction of Multiple Personality Disorder (MPD) in involuntary human subjects—in essence, human guinea pigs.

MPD has been reclassified by the American Psychiatric Association as Dissociative Identity Disorder (DID). The psychiatrists' bible, the *Diagnostic and Statistical Manual (DSM-IV)*, characterises it on page 487 as:

- A. The presence of two or more distinct personality states;
- B. At least two of these identities or personality states recurrently take control of the person's behavior;
- C. Inability to recall important personal information that is too extensive to be explained by ordinary forgetfulness;
- D. The disturbance is not due to the direct physiological effects of a substance or a general medical condition.

No matter what name is assigned to the problem, however, to create this condition by conscious intent is an atrocity so depraved that trauma-based mind-control programming remains the *de facto* Secret Holocaust of the 20th century. Known as the *Monarch Program*, it has been verified and corroborated by numerous survivors like Cathy O'Brien, author of *TranceFormation of America*, Brice Taylor, author of *Starshine*, and K. Sullivan, author of *MK*. But no paper trail has been found which leads from the CIA's *MKULTRA* to the *Monarch Program*—a catchphrase for mind control involving US military, CIA, NASA and other government agencies.

Attorney John W. DeCamp's groundbreaking book, *The Franklin Cover-up*, about high-level pedophilia, also describes the sordid details of *Monarch*. "Drugs are not the deepest level of government-sponsored evil," he writes. "I think the lowest level of Hell is reserved for those who conjured up and carried out the 'Monarch Project'. 'Monarch' refers to young people in America who were victims of mind-control experiments run either by US government agencies such as CIA or military intelligence agencies."

DeCamp's client, *Monarch* abuse survivor Paul Bonacci, has a story which parallels the victimology of O'Brien, Taylor and Sullivan. It's an extensive cross-corroboration of perpetrators and their methodology for "the production of a horde of children in whom the soul is crushed, who would spy, whore, kill and commit suicide"—in the words of investigative reporter Anton Chaitkin, quoted in DeCamp's book.

Recovering *Monarch* victims speak of ongoing trauma through "ritual abuse", also known as "satanic ritual abuse" because of the identifiable iconography of a belief structure associated with Satanism or Luciferism. By using drugs, hypnosis, torture and electroshock, the *Monarch* criminal perpetrators have produced new and succeeding generations of victims.

This is not science fiction, but science fact. MPD involves the creation of personality "alters"—alternative personalities or personality fragments which can be used for specific tasks, usually for illegal activities like delivering drugs or other black-market activities (mules), messages (couriers) or killings (assassins). These alters, or soul fragments, are segregated and compartmentalised within the victim's mind by the repeated use of stun guns, drugs and hypnosis, which isolates the memories of their experiences.

An alter can be accessed by anyone who knows the "codes" or "triggers". These triggers, which induce an altered or trance state in a programmed victim, can be anything including telephone tones, nursery rhymes, dialogue from certain movies or hand signals.

According to Springmeier and Wheeler, whose 468-page book has become a reference in the field: "The basis for the success of the *Monarch* mind-control programming is that different personalities or personality parts, called 'alters', can be created who do not know each other but who can take the body at different times.

The amnesia walls that are built by traumas form a protective shield of secrecy that prevents the abusers from being found out and prevents the front personalities who hold the body much of the time to know how their system of alters is being used."

The mind-control programming, however, has not worked according to plan. In fact, the perpetrators, in their arrogance and hubris, never dreamed that their methods could fail. The retrieval of survivors' photographic-like memories of actual abuse incidents, including images, sounds and smells, constitutes a major exposure of human rights abuses. These victims bear witness to the secret atrocities of the so-called New World Order.

MORE ON ILLUMINATI MIND CONTROL

According to John Coleman, author of *Conspirators' Hierarchy: The Committee of 300*: "The Illuminati is very much alive and well in America... Since the Illuminati is also known as Satanism, it must follow that the CIA was controlled by a Satanist while Dulles had charge of it. The same holds true for George Bush [a member of the Order of Skull and Bones].

"Given the ghastly mind-control experiments constantly being conducted by the CIA, and its past connections to fiendish monsters like Dr Campbell and Dr Sidney Gottlieb, it does not take much to conclude that the CIA follows satanic roads," Coleman concludes in his monograph, "Illuminati in America".

With regards to "the brainwashing capabilities of the Tavistock Institute as well as US Department of Defense projects like the Advanced Research Project Agency", Coleman writes: "The bottom line of the projects is mind control as predicted by the book, *The Technotronic Era*, by Zbigniew Brzezinski. The project goes by the name 'Monarch Program' and it is a vast project involving not only the CIA but the Army, Air Force and Navy with all of their skills and vast resources."

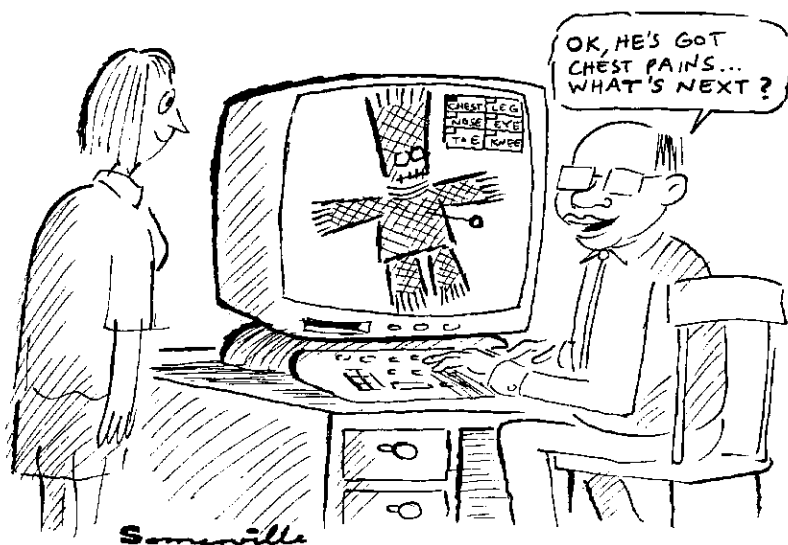
SULLIVAN'S TRAVELS

Satanic ritual abuse, the horrific torture and sexual abuse of children, has been a key component in the creation of mind-controlled slaves.

Mind-control survivor K. Sullivan has written an astounding book called *MK*—a fictionalised account of her life, which describes the world of multiple personalities. To her credit, Sullivan has been able to reconstruct from her memories the actual mechanics and methodology of going from one alter state to another. A programmed assassin and sex slave, Sullivan says she was abused and raped by Robert Maxwell, Henry Kissinger, George Bush and Billy Graham, among others. One of her controllers was deceased CIA operative James Jesus Angleton, who has been widely regarded as a KGB and Mossad asset.

In a recent interview, Sullivan spoke about her background as a "family-generational slave" to the elite and about her stepfather, now deceased, who was initially her primary programmer. His cover was a church-going, upstanding citizen, a professional mechanical and systems engineer with a curious interest in robotics.

"There were a number of people who trained, conditioned, then broke my will, broke my psyche and programmed me in different altered states," she said in a recent interview. "My father was the one who did



me the most. He did it through terror. He did it through torture. He was a very brilliant man, and he seemed to enjoy doing it to me and other children."

Confirming that her father was "horribly abused as a child", Sullivan added: "I know that for certain. His father was a Welsh Druid who had been sold as a child to a ship captain who brought him over to the US. At least that's the mentality in my family, for slavery of children to be okay. I heard this from older family members. They've never denied it. But my grandfather was a covert Druid as well. I'm sure he brought the religion over with him. One of the things he would do is go to the graveyard near his house and dig up bodies, then take them into the basement and take them apart and have fun with them. And he also did rituals out in the woods sometimes at night. He would sacrifice babies. And I was exposed to that. So I'm sure my father was, too, which left him no other alternative but to become like his father."

And how is this behaviour related to Satanism, or is it just generational child abuse?

"I think it's both," she answered slowly. "And what it boils down to is these people are doing illegal activities. Criminals tend to find criminals. They tend to gravitate toward each other. It's amazing how they can find each other out. My grandfather developed connections to the Mafia in our area. I understand it was the Colombo family. I don't know what he did exactly, but I do have one memory of riding in a cement truck where he and other drivers with cement trucks were using the cement from the trucks to bury several bodies. So I guess they just did whatever needed to be done. That was in New York and Pennsylvania. My father was an assassin as well as other things, and these people really enjoy killing people. He killed people more for favours than for hire. He got to have as many kids as he wanted to raise."

Her father also had CIA and NASA connections. "The CIA work seems to be rather covert. He worked for Western Electric and later on for AT&T," Sullivan said. "I found out, since then, that Western Electric has had very strong CIA ties. I have been able to go through some of his papers since his death in 1990, and I have found on his desk calendar for that year that he had several contacts with NASA. Since then I have remembered that there were several facilities that he took me to that were NASA facilities. The NASA connections seem to be directly connected to the *Paperclip* connection. The Nazis were brought into the country and then were integrated into the NASA structure after the war.

"My father, because of his Celtic background, had very low self-esteem," continued Sullivan. "Being exposed to some of these Nazi war criminals seemed to mean a whole lot to him because he had a mother that was German. Between the Celtic background and a German mother, these men built up his self-esteem as far as being Aryan goes. He very much identified with them, and I think, from what I understand, he got a lot of his training especially from one man I knew as Dr Schwartz. He had

slightly wavy black hair and very dark eyes. He was slim. I can't say his height because I was just a child. He had a definite German accent. People called him Herr Doctor or Dr Schwartz, one of the two. Sometimes he was called Dr Black. He was a pedophile, for sure, and he was a very cold man. He liked to make kids think that they would feel safe with him, but he would do something that would upset the children and then they would be afraid of him after that."

MULTI-MODE PROGRAMMING

Sullivan said that she was used to sexually service both males and females in the Beta mode, and to do assassination, bodyguarding and intrusions in hostage situations in the Delta mode.

And what is Alpha, Beta, Delta and Theta programming?

"Alpha was the basis for all the other programs," she continued.

"It seems to be where a lot of information was stored in my memory, in my mind, that was used by programmers to develop the other programs. It's where some of my more generic alter states were also stored. Beta was the sexual servicing part of me. They also sometimes called the alter state 'Barbie'. It was supposed to be named after Klaus Barbie." (Like Barbie doll?)

Survivors Cathy O'Brien and Brice Taylor were also subjected to Beta, or sex-slave, programming. They, like actress Marilyn Monroe, were called "presidential models"—mind-controlled slaves for the use of high-level politicians.

According to Springmeier's book: "In 1981, the New World Order made training films for their novice programmers. *Monarch* slave Cathy O'Brien was used to make the films *How To Divide a Personality* and *How To Create a Sex Slave*. Two Huntsville porn photographers were used to help NASA create these training films."

Sullivan recalled: "I was used both as a child and as an adult in those alter states, and I had more than one. In those alter states I would not resist. I had no anger. I was an absolute sexual slave and I would do whatever I was told to do."

Delta programming is military-assassin programming that has trickled into popular consciousness through movies like *La Femme Nikita*, its American remake *Point of No Return*, and *The Long Kiss Goodnight*.

Regarding the Delta programming, Sullivan said: "It was when I was used to do hits, kills, and also bodyguarding and hostage extraction. I had a great number of alter personalities that had specialised training and had different modes to do different things."

Why was the training kept separate for different alters?

"Part of it was so I wouldn't recall too much at any one time—I did start to remember," she said. "And also because they hand-pick each part out for a certain type of situation. If you had a part coming out that was very loyal to people that that part was bodyguarding, you don't want that part going off and killing somebody. And you don't want a part that's specifically programmed to kill, coming out and feeling sorry for the target. So

The mind-control programming, however, has not worked according to plan. In fact, the perpetrators, in their arrogance and hubris, never dreamed that their methods could fail.

you have to keep the emotions and the motives separate as well. And so that's why they had to have different parts."

Sullivan's description of Theta programming seems to correlate with the development and use of so-called extrasensory powers and extraphysical abilities.

"Theta was where they used—I don't like the word 'psychic' because I think it's been so misused—thought energy," she said. "I just knew it as magnetic-type energy from the individual to do a number of different things that they were experimenting with, including long-distance mind connection with other people, even in other countries. I guess you would call it 'remote viewing'—where I could see what a person was doing in another state in a room or something like that.

"It was both actual programming and experimentation. Because what they did was they kept it encapsulated in several parts of me, several altered states. It was a lot of training, a lot of experimentation."

Theta programming also implies the use of thought energy to kill someone at a distance.

"A lot of times I ran across other victims with Theta programming," Sullivan said in a recent CKLN radio interview. "One of the movie and book themes they used extensively was *Dune*, by Frank Herbert. It won't be too hard to figure because what they taught us was that we could cause things to happen to other people. It was to build up rage inside. It would come out in a form of pure energy that would hit them... They had talked about people imploding internally in their digestive organs. I don't know because I can't see what goes on inside another body, but I do know that it does work."

The calculated admixture of doing good and evil seems to be a hallmark of the Illuminati methodology. It's as if they recognise, at a spiritual level, that all the horrible karma they create can be balanced by generous philanthropic gestures; for example, giving a billion dollars to the United Nations, or other feats of extraordinary compassion.

"Also, they tried to use me for hands-on healing because I had a grandmother who was a healer from Sweden," said Sullivan. "So they were trying—that was me and several other survivors I've talked to since—to use them in that mode also. And hands-on healing means that you would focus electromagnetic energy into the other person's body."

BRICE TAYLOR'S ORDEAL

Another book, Brice Taylor's *Starshine: One Woman's Valiant Escape from Mind Control*, corroborates the experiences of Cathy O'Brien and K. Sullivan. Even though it, too, is a fictionalised account, the book clearly indicates that major crimes have been and are still being committed by the major players of the world's power elites.

Brice Taylor was also a "presidential model", and in a recent interview she went into intimate details of her many experiences with politicians promoting the New World Order.

"What it [being a presidential model] means," she explained, "is that your program is to have sex with presidents; and I did over-

hear this, that different politicians—were encouraged to use CIA escorts for sex, so they wouldn't be in a vulnerable position if they ever disclosed any national security secrets to anyone on the outside, or for blackmail."

And how would she characterise this so-called New World Order?

"It is an attempt to bring in a One World Government in which elite families have things the way they want. Their belief was that the planet was overpopulated and that something had to be done: psychological and biological warfare. They considered mind control as a tool, their ace in the hole—something really different that would act as an invisible weapon."

ADVENTURES WITH HENRY K. AND THE COUNCIL

In her recovery, Brice Taylor also had memories of being used by Henry Kissinger as a mind-controlled courier.

"If you program someone to have a perfect photographic memory and total recall, then you have the capacity to be able to deal with many different tasks and assignments simultaneously," she explained. "Henry Kissinger created a 'mindfile' inside of my head. I would be sent around to all these leaders to keep their data—on some of their projects or whatever their agenda was—sorted. When they'd meet people, I would be programmed by either Kissinger or Nelson Rockefeller. This was in the mid-1960s."

But who's running the 'show'?

"I think there's this other layer that I call 'the Council' in my book," Taylor explained.

"I know that this is a group of men that stand head and shoulders above even Kissinger and the Rockefellers. They have been genetically engineered in a way that they have [she hesitated, searching for the right words] different leadership abilities, and they are actually the ones running the plan."

They refer to themselves as "the Council"?

"Yes. When I was telling other people within the intelligence community about it that were involved in it, they said they call themselves 'the Council'. The CIA has all these mind-control operatives that are working for the government. Then there's the Council,

which also understands about the mind-control project. But the Council is not CIA-controlled. They could take someone like myself and be able to debrief me to find out what my agenda was."

MULTIPLE BAD MEMORIES

And how did Ms Taylor first figure out she was suffering from MPD and that she was a programmed multiple?

"It started in 1985," said Taylor. "I had a very serious car accident in which my head went through the windshield. I began to have memory flashes like a memory bleed-through from one alter to another. I think what occurred was I began having access to both sides of my brain. Before, with all the sophisticated programming, half my brain was shut away from me. Now the neuron pathways had opened up because of the accident. I know of other women who have also had memories come back."

"I know that this is a group of men that stand head and shoulders above even Kissinger and the Rockefellers. They have been genetically engineered in a way that they have different leadership abilities, and they are actually the ones running the plan."

So a blow to the brain had broken up the programming?

"Exactly," she said. "They programmed me with perfect photographic memory. When memories came back, like the ones with Kissinger, I not only could hear his words and his voice, I could smell his cigar. I could smell his farts. I mean, I could hear and see as I remembered everything in my mind."

THE SATANIC RITUAL MURDER CONNECTION

Missing children, sexual abuse of children and pedophilia around the world all point to the involvement of an organised network of high-level criminals who covertly control the legal system. Former FBI agent and private investigator Ted Gunderson agrees. He claims that "there's a considerable overlap from various groups and organisations, but one of the driving forces is the satanic cult movement today".

In his video, *Satanism and the CIA's International Trafficking in Children*, Gunderson refers to the notorious black magician Aleister Crowley. "The Satanists have used his writings as a guide," he says, referring to Crowley's *Magick in Theory and Practice*.

In Chapter XII, "Of the Bloody Sacrifice" (p. 94), Crowley writes: "It would be unwise to condemn as irrational the practice of those savages who tear the heart and liver from an adversary and devour them while yet warm. In any case it was the theory of the ancient Magicians that any living being is a storehouse of energy, varying in quantity according to the size and health of the animal, and in quality according to its mental and moral character. At the death of the animal this energy is liberated suddenly.

"For the highest spiritual working one must accordingly choose that victim which contains that greatest and purest force. A male child of perfect innocence and high intelligence is the most satisfactory and suitable victim."

"We're talking about human sacrifice here," says Gunderson.

More recently the 'tradition' of human sacrifice has been promoted by the late Anton LaVey, founder of the Church of Satan, who wrote in the Satanic Bible (p. 88) that "the only time a Satanist would perform a human sacrifice would be if he were to serve a twofold purpose; that being to release the magickian's [*sic*] wrath in throwing a curse and, more importantly, to dispose of a totally obnoxious and deserving person".

Note the casual reference to murdering someone because he or she 'displeased' the Satanist/black magician. Ding dong, LaVey is dead, but his crimes live on. He's been named by several of his victim-slaves as a mind-control perpetrator. The late 'perp' himself wrote in the Satanic Bible (p. 90) that "the ideal sacrifice may be emotionally insecure, but nonetheless can in the machinations of his insecurity cause severe damage to your tranquility or sound reputation".

The Satanists, after all, follow Crowley's injunction: "Do what thou wilt. That is the the law." In other words, Satanists as gods themselves will decide what to do—bypassing God's laws as well as the laws of men. It sounds like the *modus operandi* of the Illuminati.

Gunderson makes this further comment in his video: "In my estimation, there are over three million practising Satanists in America today. How did I come up with these figures? I have

informants. For instance, in the South Bay area of Los Angeles with a population of 200,000, [an informant] told me there are 3,000 practising Satanists. That is where the well-known McMartin Preschool case took place. I have an informant in Lincoln, Nebraska. In Iowa City, Iowa, a town of 150,000—1,500 Satanists. It averages to about 1.5 per cent of the population."

Gunderson asserts that "...50,000 to 60,000 individuals are sacrificed every year. There are about eight satanic holidays."

The sick joke of it all? The FBI keeps a count of stolen or missing cars, but is yet to keep a tab on missing children in America.

A CRYPTO-SATANIST IN THE FBI?

You shouldn't be surprised to know that FBI Supervisory Special Agent Kenneth V. Lanning, of the Behavioral Science Unit of the National Center for the Analysis of Violent Crime, denies the existence of satanic ritual abuse in his 1992 *Investigator's Guide to Allegations of Ritual Child Abuse*. Lanning's intellectual posturing and specious reasoning should be studied as a prime example of serpentine logic. His semantics are brilliant, as he claims that "the words 'satanic', 'occult' and 'ritual' are often used interchangeably" and "it is difficult to define Satanism precisely". Then he frames the discussion of Satanism in non-judgemental terms, that "it is important to realize that for some people any religious belief system other than their own is satanic".

As Pilate asked "What is truth?", Lanning asks "What is Satanism?" He writes that at "...law enforcement training conferences, it is witchcraft, santeria, paganism and the occult that are most often referred to as forms of Satanism. It may be a matter of definition, but these things are not necessarily the same as traditional Satanism." He almost trips over himself, declaiming the impossibility of knowing the definition. Then he dismisses satanic ritual abuse as a simple

psychological problem: Obsessive Compulsive Disorder.

Of course, if he had taken the time to interview true believers, he would know that it's an actual belief system based on the ritual performance of torture and murder in loyalty to Satan and as an exchange for future rewards from the forces of darkness.

Lanning's denial, ignoring the evidence of mind-control atrocities and ritual abuse, is astonishing. Is Lanning a crypto-Satanist? He's publicly denied it, but he didn't have to bother. His "freedom of religion" is protected by the US Constitution.

FATAL JUSTICE REVISITED

Private investigator Ted L. Gunderson was dragged kicking and screaming into the netherworld of Satanism, child kidnapping, drug smuggling and other corruption.

Before he retired in 1979, Gunderson was the FBI Special Agent in Charge in Los Angeles. He headed the FBI office, where he had 800 people under him and a yearly budget of over US\$24 million. Since then, Gunderson's role as a private investigator and security consultant has led him to expose CIA drug dealing, child kidnapping and trafficking, mind control and satanic murder-for-hire groups. He has also investigated many high-profile cases like the Dr Jeffrey McDonald case, the McMartin Preschool case, Nebraska's Franklin Cover-up case, the Oklahoma

"It is an attempt to bring in a One World Government in which elite families have things the way they want."

City Bombing case, the Inslaw/Octopus case, and many other real-life criminal conspiracies.

"Shortly after my retirement, I was asked to investigate the Jeffrey R. McDonald case as a private investigator," said Gunderson in a recent interview. "He's a doctor who was convicted of murdering his wife and two children at Fort Bragg, North Carolina on February 17, 1970. I put in about 2,000 hours on the case. He had been convicted and sentenced to three consecutive life sentences. Much to my surprise, the evidence that I read, the information I developed...I've established beyond any question of a doubt that this man is absolutely innocent."

Jerry Allen Potter, author of *Fatal Justice*, a powerful point-by-point refutation of Joe McGinnis's cover-up book, *Fatal Vision*, agrees. His book exposes McGinnis's best-seller as pure fiction.

Gunderson continued: "I obtained a signed confession from Helena Stokely, the girl in the floppy hat, for those who are familiar with the case. She said Dr McDonald did not commit these crimes. They were committed, she said, 'by my satanic cult group'. 'It was my initiation into the cult that night,' she said."

After a while, Gunderson realised that the McDonald case was a classic case of US Government crime and cover-up.

"She gave me detailed information about movements within the house. She told me she attempted to ride a rocking horse in the child's bedroom that night, but she couldn't ride it because the spring was broken. The only way she could have known that was to have been there that night.

"I submitted an 1100-plus page report in March 1981 to Judge William Webster, who was then the head of the FBI, with a personal letter to him and to the US Department of Justice. Much to my surprise, my

19 witnesses including Helena Stokely started calling me and telling me, 'Hey Ted, they're trying to get me to recant.' And I'm telling myself, 'That isn't the responsibility of the FBI. The FBI is supposed to gather information, not destroy it.' And that was my first clue that we had a serious problem in that case and in the other cases I handled. I noticed in each instance that evidence was destroyed, lost, stolen; that there were strong indications of corruption.

"So I asked myself, 'What's going on here?' And over the years I started gathering materials. Up until about two years ago, I kept saying there's a loose-knit network operating in this country, involving drugs, pedophilia, prostitution, corruption, etc. From my research, I'm convinced it's much more serious. It's much more than a loose-knit network. It is a conspiracy. And you know how the media goes after you when you use that 'c'-word. And I'm going to prove it to you. By the way, this conspiracy involves pornography, drugs, pedophilia and organised child kidnapping.

"My 'missing children' lecture documents that the Finders, an organisation in Washington, DC, is a CIA front," said Gunderson. "It's a covert operation involved in international trafficking of children."

He was referring to a US Customs Service report which states that the Finders case is to be closed because it is "an internal CIA matter".

Gunderson added: "These people—the satanic movement in

the world—have set up preschools for the purpose of getting their hands on our children. The parents drop them off at nine in the morning and pick them up at night."

Far-fetched? Think again. In *The Law Is For All*, Aleister Crowley writes: "Moreover, the Beast 666 [Crowley's reference to himself] adviseth that all children shall be accustomed from infancy to witness every type of sexual act, as also the process of birth, lest falsehood fog and mystery stupefy their minds whose error else might thwart and misdirect the growth of their subconscious system of self-symbolism."

SPIRITUAL WARFARE AND SATANIC IMPERIALISM

Sexual abuse of children and horrific mind-control technology may be tenets of 'faith' for the Satanist believer as well as the programmer. Or they may be symptomatic of a larger struggle on a cosmic scale.

In the end, it may be that spiritual warfare, or the clash of the absolutes, is the real reason why ritual abuse and high-tech mind control have been exposed. Meantime, satanic imperialism continues unabated, and the battle for planet Earth moves to the next stage.

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THE OILING OF AMERICA

**Food corporations
and medical
authorities continue
to promote the
consumption of
hydrogenated
vegetable oils,
despite the growing
evidence as to the
health risks.**

Part 2 of 2

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The other area needing further investigation concerned just how much *trans* fat there was in a 'normal diet' of the typical American. What had hampered any thorough research into the correlation of *trans* fatty acid consumption and disease was the fact that these altered fats were not considered as a separate category in any of the databases then available to researchers.

The massive Health and Human Services National Health and Nutrition Examination Survey (NHANES II), conducted during the years 1976 to 1980, noted the increasing US consumption of margarine, French fried potatoes, cookies and snack chips—all made with vegetable shortenings—without listing the proportion of *trans* fats present.

Mary Enig first looked at the NHANES II database in 1987 and, when she did, she had a sinking feeling. Not only were *trans* fats conspicuously absent from the fatty acid analyses, but data on other lipids made no sense at all. Even foods containing no *trans* fats were listed with faulty fatty-acid profiles. In general, the NHANES II database tended to minimise the amount of saturated fats in common foods.

Over the years, Joseph Sampagna and Mark Keeney, both highly qualified lipid biochemists at the University of Maryland, applied to the National Science Foundation, the National Institutes of Health (NIH), the US Department of Agriculture (USDA), the National Dairy Council and the National Livestock and Meat Board for funds to look into the *trans* content of common American foods. Only the National Livestock and Meat Board came through with a small grant for equipment; the others turned them down.

A USDA official confided to the Maryland research group that they "would never get money as long as they pursued the *trans* work". Nevertheless, they did pursue it. Sampagna, Keeney and a few graduate students, funded jointly by the USDA and the university, spent thousands of hours in the laboratory analysing the *trans* fat content of hundreds of commercially available foods.

In December of 1982, *Food Processing* carried a brief preview of the University of Maryland research¹⁹ and, five months later, printed a blistering letter from Edward Hunter on behalf of the Institute of Shortening and Edible Oils (ISEO).²⁰ The University of Maryland studies on *trans* fat content in common foods had obviously struck a nerve in the industry. Hunter stated that the Bailar, Applewhite and Meyer letters that had appeared in *Federation Proceedings* five years earlier, "severely criticized and discredited" the conclusions reached by Enig and her colleagues. Hunter was concerned that Enig's group would exaggerate the amount of *trans* found in common foods. He cited ISEO data indicating that most margarines and shortenings contain no more than 35 per cent and 25 per cent *trans* respectively, and that most contain considerably less.

What Enig and her colleagues actually found was that many margarines indeed contained about 31 per cent *trans* fat, while later surveys by others revealed that Parkay margarine contained up to 45 per cent *trans*, and that many shortenings found ubiquitously in cookies, chips and baked goods contained more than 35 per cent *trans* fat. Enig also discovered that many baked goods and processed foods contained considerably more fat from partially hydrogenated vegetable oils than was listed on the labels.

The final results of Enig's ground-breaking compilation were published in the October 1983 edition of the *Journal of the American Oil Chemists' Society*.²¹ Her analyses of more than 220 food items, coupled with food disappearance data, allowed University of Maryland researchers to confirm earlier estimates that the average American consumed at least 12 grams of *trans* fat per day—directly contradicting ISEO assertions that most Americans consumed no more than 6 to 8 grams of *trans* fat per day. Those who

consciously avoided animal fats typically consumed far more than 12 grams of *trans* fat per day.

THE ISEO did not want the American public to hear about the debate on hydrogenated vegetable oils. For Enig, this translated into the sound of doors closing. But, a poster presentation she organised for a campus health fair caught the eye of the dietetics department chairman who suggested she submit an abstract to the Society for Nutrition Education, many of whose members are registered dietitians. Her abstract concluded that "...meal plans and recipes developed for nutritionists and dietitians to use when designing diets to meet the Dietary Guidelines, the dietary recommendation of the American Heart Association or the Prudent Diet have been examined for *trans* fatty acid content. Some diet plans are found to contain approximately 7% or more of calories as *trans* fatty acids." The Abstract Review Committee rejected the submission, calling it of "limited interest".

Early in 1985, the Federation of American Societies for Experimental Biology (FASEB) heard more testimony on the *trans* fat issue. Enig alone represented the alarmist point of view, while Hunter and Applewhite of the ISEO and Ronald Simpson, then with the National Association of Margarine Manufacturers, assured the panel that *trans* fats in the food supply posed no danger. Enig reported on University of Maryland research that delineated the differences in small amounts of naturally occurring *trans* fats in butter, which do not inhibit enzyme function at the cellular level, and man-made *trans* fats in margarines and vegetable shortenings, which do. She also noted a 1981 feeding trial in which swine fed *trans* fatty acids developed higher parameters for heart disease than those fed saturated fats, especially when *trans* fatty acids were combined with added polyunsaturates.²² Her testimony was omitted from the final report, although her name in the bibliography created the impression that her research supported the FASEB whitewash.²³

In the following year, 1986, Hunter and Applewhite published an article, exonerating *trans* fats as a cause of atherosclerosis, in the prestigious *American Journal of Clinical Nutrition*²⁴—which, by the way, is sponsored by companies including Procter & Gamble, General Foods, General Mills, Nabisco and Quaker Oats. The authors once again stressed that the average per-capita consumption of *trans* fatty acids did not exceed 6 to 8 grams.

Behind the scenes, in a private letter to Dr Kenneth Fischer, Director of the Life Sciences Research Office (LSRO), Hunter and Applewhite charged that: "...the University of Maryland group continues to raise unwarranted and unsubstantiated concerns about the intake of and imagined physiological effects of *trans* fatty acids and...they continue to overestimate greatly the intake of *trans* acids by typical Americans." They said: "No one other than Enig has raised questions about the validity of the food fatty-acid composition data used in NHANES II and...she has not presented sufficiently compelling arguments to justify a major re-evaluating."

The letter contained numerous other innuendos that Enig had mischaracterised the work of other researchers and had been less than scientific in her research. It was widely circulated among

NNMS agencies. John Weihrach—a USDA scientist, not an industry representative—surreptitiously slipped the letter to Dr Enig. She and her colleagues replied by asking: "If the trade association truly believes 'that *trans* fatty acids do not pose any harm to humans and animals'...why are they so concerned about any levels of consumption and why do they so vehemently and so frequently attack researchers whose findings suggest that the consumption of *trans* fatty acids is greater than the values the industry reports?"

The Maryland researchers argued that *trans* fats should be included in food nutrition labels; but the Hunter and Applewhite letter asserted that "there is no documented justification for including *trans* acids...as part of nutrition labeling".

During her testimony, Enig also brought up her concerns about other national food databases, citing their lack of information on *trans*. The Food Consumption Survey contained glaring errors—reporting, for example, consumption of butter in amounts nearly twice as great as what exists in the US food supply, and of margarine in quantities nearly half those known to exist in the food supply. The NNMS officials responded to Enig's criticism by

dropping the whole section pertaining to butter and margarine from the 1980 tables.

The ISEO did not want the American public to hear about the debate on hydrogenated vegetable oils.

The Enig-ISEO debate was covered by the prestigious *Food Chemical News* and *Nutrition Week*²⁵—both widely read by Congress and the food industry, but virtually unknown to the general public. National media coverage of dietary fat issues focused on the proceedings of the National Heart, Lung and Blood Institute (NHLBI), as this enormous bureaucracy ploughed relentlessly forward with the lipid hypothesis. In June of 1984, for

example, the press diligently reported the proceedings of the NHLBI's Lipid Research Clinics (LRC) Conference which was organised to wrap up almost 40 years of research on lipids, cholesterol and heart disease. The problem with the 40 years of NHLBI-sponsored research on lipids, cholesterol and heart disease was that it had not produced many answers—at least not many answers that pleased the NHLBI.

The ongoing Framingham Study found that there was virtually no difference in coronary heart disease (CHD) "events" for individuals with cholesterol levels between 205 mg/dL and 294 mg/dL—the vast majority of the US population. Even for those with extremely high cholesterol levels—up to almost 1,200 mg/dL—the difference in CHD events compared to those in the normal range was trivial.²⁶

The NHLBI's Multiple Risk Factor Intervention Trial (MRFIT) studied the relationship between heart disease and serum cholesterol levels in 362,000 men, and found that annual deaths from CHD varied from slightly less than one per thousand, for serum cholesterol levels below 140 mg/dL, to about two per thousand, for serum cholesterol levels above 300 mg/dL—once again, a trivial difference. Dr John LaRosa, of the American Heart Association (AHA), claimed that the curve for CHD deaths began to "inflect" after 200 mg/dL, when in fact the "curve" was a very gradually sloping straight line that could not be used to predict whether serum cholesterol above certain levels posed a significantly greater risk for heart disease. One unexpected MRFIT

finding the media did not report was that deaths from all causes—cancer, heart disease, accidents, infectious disease, kidney failure, etc.—were substantially greater for those men with cholesterol levels below 160 mg/dL.²⁷

What was needed to resolve the validity of the lipid hypothesis once and for all was a well-designed, long-term diet study that compared coronary heart disease events in those eating traditional foods with those whose diets contained high levels of vegetable oils—but the proposed Diet-Heart Study designed to test just that had been cancelled without fanfare years earlier.

In view of the fact that orthodox medical agencies were united in their promotion of margarine and vegetable oils over animal foods containing cholesterol and animal fats, it is surprising that the official literature can cite only a handful of experiments indicating that dietary cholesterol has "a major role in determining blood cholesterol levels".

One of these was a study, involving 70 male prisoners, directed by Fred Mattson²⁸—the same Fred Mattson who had pressured the AHA into removing any reference to hydrogenated fats from its diet/heart statement a decade earlier. Funded in part by Procter & Gamble, the research contained a number of serious flaws. The biggest flaw was that the subjects receiving cholesterol did so in the form of reconstituted powder—a totally artificial diet. Mattson's discussion did not even address the possibility that the liquid formula diet he used might affect blood cholesterol differently than would a whole-foods diet, when many other studies indicated that this is in fact the case.

The culprit in liquid protein diets actually seems to be oxidised cholesterol, formed during the high-temperature drying process, which seems to initiate the build-up of plaque in the arteries.²⁹ To give it 'body', powdered milk containing oxidised cholesterol is added to reduced fat milk—which the American public has accepted as a healthier choice than whole milk. It was purified, oxidised cholesterol that Kritchevsky and others used in their experiments on vegetarian rabbits.

The NHLBI argued that a diet study using whole foods and involving the whole population would be too difficult to design and too expensive to carry out. But the NHLBI *did* have funds available to sponsor the massive Lipid Research Clinics Coronary Primary Prevention Trial in which all subjects were placed on a diet low in cholesterol and saturated fat. Subjects were divided into two groups, one of which took a cholesterol-lowering drug and the other a placebo. Working behind the scenes, but playing a key role in both the design and implementation of the trials, was Dr Fred Mattson, formerly of Procter & Gamble.

An interesting feature of the study was the fact that a good part of the trial's US\$150 million budget was devoted to group sessions in which trained dietitians taught both groups of study participants how to choose "heart-friendly" foods: margarine, egg replacements, processed cheese, baked goods made with vegetable shortenings; in short, the vast array of manufactured foods awaiting consumer acceptance. As both groups received dietary indoctrination, study results could support no claims about the relation of diet to heart disease. Nevertheless, when the results were released, both the popular press and medical journals portrayed the Lipid Research Clinics trials as the long-sought proof

that animal fats were the cause of heart disease. Rarely mentioned in the press was the ominous fact that the group taking the cholesterol-lowering drugs had an increase in deaths from cancer, stroke, violence and suicide.³⁰

A number of clinicians and statisticians, including Michael Oliver and Richard Krommel, who participated in a 1984 Lipid Research Clinics conference workshop, were highly critical of the manner in which the LRC results had been tabulated and manipulated. In fact, the conference went very badly for the NHLBI, with critics of the lipid hypothesis almost outnumbering supporters.

Dissenters were again invited to speak briefly at the NHLBI-sponsored National Cholesterol Consensus Conference held later that year, but their views were not included in the panel's report for the simple reason that the report was generated by NHLBI staff before the conference convened. Dr Bev Teter, of the

University of Maryland's lipid group, discovered this when she picked up some papers by mistake just before the conference began, and found they contained the consensus report, already written, with just a few numbers left blank.

The 1984 Cholesterol Consensus Conference final report was a whitewash, containing no mention of the large body of evidence that conflicted with the lipid hypothesis. One of the blanks was filled in with the number '200'. The document defined all those with cholesterol levels above 200 mg/dL as "at risk" and called for mass

cholesterol screening, even though the most ardent supporters of the lipid hypothesis had surmised in print that 240 should be the magic cut-off point. Such screening would in fact need to be carried out on a massive scale, as the federal medical bureaucracy, by picking the number 200, had *defined* the vast majority of the American adult population as "at risk". The report resurrected the ghost of Norman Jolliffe and his Prudent Diet by suggesting the avoidance of saturated fat and cholesterol for all Americans now defined as "at risk", and specifically advised the replacement of butter with margarine.

The Consensus Conference also provided a launching pad for the nationwide National Cholesterol Education Program (NCEP) which had the stated goal of "changing physicians' attitudes". NHLBI-funded studies had determined that while the general population had bought into the lipid hypothesis and was dutifully using margarine and buying low-cholesterol foods, the medical profession remained sceptical. A large "Physicians Kit" was sent to all doctors in America, compiled in part by the American Pharmaceutical Association whose representatives served on the NCEP coordinating committee. Doctors were taught the importance of cholesterol screening, the advantages of cholesterol-lowering drugs and the unique benefits of the Prudent Diet. NCEP materials told every doctor in America to recommend the use of margarine rather than butter.

Other mouthpieces of the medical establishment fell in line after the Consensus Conference. In 1987, the National Academy of Sciences published an overview in the form of a handout booklet, containing a whitewash of the *trans* problem and a pejorative description of palm oil—a natural fat high in beneficial saturates and mono-unsaturates that, like butter, has

... it is surprising that the official literature can cite only a handful of experiments indicating that dietary cholesterol has "a major role in determining blood cholesterol levels".

nourished healthy population groups for thousands of years, and, also like butter, competes with hydrogenated fats because it can be used as a shortening.

The following year, the Surgeon General's Report on Nutrition and Health emphasised the importance of making low-fat foods more widely available. Project LEAN (Low-fat Eating for America Now)—sponsored by the J. Kaiser Family Foundation and a host of establishment groups such as the American Heart Association, the American Dietetic Association, the American Medical Association, the USDA, the National Cancer Institute, the Centers for Disease Control and the National Heart, Lung and Blood Institute—announced a publicity campaign to "aggressively promote foods low in saturated fat and cholesterol in order to reduce the risk of heart disease and cancer".

The next year, Enig joined Frank McLaughlin, Director of the Center for Business and Public Policy at the University of Maryland, in testimony before the National Food Processors Association (NFPA). It was a closed conference for NFPA members only. Enig and McLaughlin had been invited to give "a view from academia". Enig presented a number of slides and warned against singling out classes of fats and oils for special pejorative labelling. A representative from Frito-Lay took umbrage at Enig's slides which listed amounts of *trans* fats in Frito-Lay products. Enig offered to re-do the analyses if Frito-Lay were willing to fund the research. "If you'd talk different, you'd get money," he said.

Enig urged the association to endorse accurate labelling of *trans* fats in all food items, but conference participants—including representatives from most of the major food processing giants—preferred a policy of "voluntary labelling" that did not unnecessarily alert the public to the presence of *trans* fats in their foods. To date, they have prevailed in preventing the inclusion of *trans* fats on nutrition labels.

Enig and the University of Maryland group were not alone in their efforts to bring their concerns about the effect of partially hydrogenated fats before the public.

Kummerow at the University of Illinois, blessed with independent funding and an abundance of patience, carried out a number of studies that indicated that *trans* fats increased the risk factors associated with heart disease and that vegetable-oil-based fabricated foods such as Egg Beaters cannot support life.³¹

George Mann, formerly with the Framingham project, possessed neither funding nor patience and in fact was very angry with what he called the "Diet/Heart scam". His independent studies of the Masai in Africa,³² whose diet is extremely rich in cholesterol and saturated fat and who are virtually free of heart disease, had convinced him that the lipid hypothesis was "the public health diversion of this century...the greatest scam in the history of medicine".³³

Mann resolved to bring the issue before the public by organising a conference in Washington, DC, in November of 1991. "Hundreds of millions of tax dollars are wasted by the bureaucracy and the self-interested Heart Association," he wrote in his invitation to participants. "Segments of the food industry play the game for profits. Research on the true causes and prevention is

stifled by denying funding to the 'unbelievers'. This meeting will review the data and expose the rascals."

The rascals did their best to prevent the meeting from taking place. Funding promised by the Greenwall Foundation of New York City was later withdrawn, so Mann paid most of the bills. A press release, sent as a dirty trick to speakers and participants, wrongly announced that the conference had been cancelled. Several speakers, including the prestigious Dr Roslyn Alfin-Slater and Dr Peter Nixon of London, did in fact renege at the last minute on their commitment to attend. Dr Eliot Corday of Los Angeles cancelled after being told that his attendance would jeopardise future funding.

The final pared-down roster included: Dr George Mann; Dr Mary Enig; Dr Victor Herbert; Dr Petr Skrabenek; Dr James McCormick, a physician from Dublin; Dr William Stehbens from New Zealand, who described the normal protective process of arterial thickening at points of greatest stress and pressure; and Dr Meyer Texon, an expert in the dynamics of blood flow.

Mann, in his presentation, blasted the system that had foisted the diet/heart-disease dogma on a gullible public. "You will see," he said, "that many of our contributors are senior scientists. They are so for a reason that has become painfully conspicuous as we organised this meeting. Scientists who must go before review panels for their research funding know well that to speak out, to disagree with this false dogma of Diet/Heart, is a fatal error. They

must comply or go unfunded. I could show a list of scientists who said to me, in effect, when I invited them to participate, 'I believe you are right, that the Diet/Heart hypothesis is wrong, but I cannot join you because that would jeopardise my perks and funding.' For me, that kind of hypocritical response separates the scientists from the operators, the men from the boys."

"I believe you are right, that the Diet/Heart hypothesis is wrong, but I cannot join you because that would jeopardise my perks and funding."

By the 1990s the operators had succeeded, by slick manipulation of the press and of scientific research, in transforming America into a nation that was well and truly oiled. Consumption of butter had bottomed out at about 5 grams per person per day, down from almost 18 grams at the turn of the century. Use of lard and tallow had been reduced by two-thirds. Margarine consumption had jumped from less than 2 grams per person per day in 1909 to about 11 grams in 1960. Since then, consumption figures have changed little, remaining at about 11 grams per person per day—perhaps because knowledge of margarine's dangers has been slowly seeping out to the public.

However, most of the *trans* fats in the current American diet come not from margarine but from shortening used in fried and fabricated foods. American shortening consumption of 10 grams per person per day held steady until the 1960s, although the content of that shortening had changed from mostly lard, tallow and coconut oil—all natural fats—to partially hydrogenated soybean oil. Then shortening consumption shot up and by 1993 had tripled to over 30 grams per person per day. But the most dramatic overall change in the American diet was the huge increase in the consumption of liquid vegetable oils, from slightly less than 2 grams per person per day in 1909 to over 30 grams in 1993—a fifteenfold increase.

The irony is that these trends have persisted concurrently with revelations about the dangers of polyunsaturates. Because

polyunsaturates are highly subject to rancidity, they increase the body's need for vitamin E and other antioxidants.

Excess consumption of vegetable oils is especially damaging to the reproductive organs and the lungs—both of which are sites for huge increases in cancer in Americans. In test animals, diets high in polyunsaturates from vegetable oils inhibit the ability to learn, especially under conditions of stress; they are toxic to the liver; they compromise the integrity of the immune system; they depress the mental and physical growth of infants; they increase levels of uric acid in the blood; they cause abnormal fatty acid profiles in the adipose tissues; they have been linked to mental decline and chromosomal damage; and they accelerate ageing.

Excess consumption of polyunsaturates is associated with increasing rates of cancer, heart disease and weight gain. The excessive use of commercial vegetable oils interferes with the production of prostaglandins, leading to an array of complaints ranging from autoimmune disease to premenstrual syndrome (PMS). Disruption of prostaglandin production leads to an increased tendency to form blood clots, and hence to myocardial infarction—which has reached epidemic levels in the US.³⁴

Those who have most actively promoted the use of polyunsaturated vegetable oils as part of a Prudent Diet are well aware of their dangers. In 1971, William B. Kannel, former Director of the Framingham Study, warned against including too many polyunsaturates in the diet. A year earlier, Dr William Connor of the American Heart Association issued a similar warning, and Frederick Stare reviewed an article which reported that the use of polyunsaturated oils caused an increase in breast tumours. And Kritchevsky, way back in 1969, discovered that the use of corn oil caused an increase in atherosclerosis.³⁵

As for the *trans* fats produced in vegetable oils when they are partially hydrogenated, the results that are now in the literature more than justify the concerns of early investigators about the relation between *trans* fats and both heart disease and cancer.

The research group at the University of Maryland found that *trans* fatty acids not only alter enzymes that neutralise carcinogens and increase enzymes that potentiate carcinogens, but in nursing mothers they also depress milk-fat production and decrease insulin binding.³⁶ In other words, *trans* fatty acids in the diets of new mothers interfere with their ability to nurse successfully and increase their likelihood of developing diabetes.

Unpublished work indicates that *trans* fats contribute to osteoporosis. Hanis, a Czechoslovakian researcher, found that *trans* consumption decreased testosterone, caused the production of abnormal sperm and altered gestation.³⁷ Koletzko, a German paediatrics researcher, found that excess *trans* consumption in pregnant women predisposed them to having low-birth-weight babies.³⁸ *Trans* consumption interferes with the body's use of omega-3 fatty acids (found in fish oils, grains and green vegetables), leading to impaired prostaglandin production.³⁹ George Mann confirmed that *trans* consumption increases the incidence of heart disease.⁴⁰ In 1995, European researchers found a positive correlation between breast cancer rates and *trans* consumption.⁴¹

Until the 1993 studies, only the disturbing revelations of Dutch researchers Mensink and Katan in 1990 received front-page coverage. Mensink and Katan found that margarine consumption

increased coronary heart disease risk factors.⁴² The industry—and the press—responded by promoting tub spreads which contain reduced amounts of *trans* compared to stick margarine.

For the general population, these *trans* reductions have been more than offset by changes in the types of fat used by the fast-food industry. In the early 1980s, the Center for Science in the Public Interest campaigned against the use of beef tallow for frying potatoes. Before that, it campaigned against the use of tallow for frying chicken and fish. Most fast-food concerns switched to partially hydrogenated soybean oil for all fried foods. Some deep-fried foods have been tested at almost 50 per cent *trans*.⁴³

The industry continues to argue that American *trans* consumption is a low 6 to 8 grams per person per day—not enough to contribute to today's epidemic of chronic disease. Total per-capita consumption of margarine and shortening hovers around 40 grams per person per day. If these products contain 30 per cent *trans* (many shortenings contain more), then average consumption is about 12 grams per person per day.

In reality, consumption figures can be dramatically higher for some individuals. A 1989 *Washington Post* article documented the diet of a teenage girl who ate 12 doughnuts and 24 cookies over a three-day period; her total *trans* intake worked out to at least 30 grams per day, and possibly much more. The fat in the chips that teenagers consume in abundance may contain up to 48

per cent *trans*, which translates into 45.6 grams of *trans* fat in a small, 10-ounce (284-gram) bag of snack chips which a hungry teenager can gobble up in a few minutes. High school sex education classes do not teach American teenagers that the altered fats in their snack foods may severely compromise their ability to have normal sex, to conceive, to give birth to healthy babies and successfully nurse their infants.

Foods containing *trans* fat sell because the American public is afraid of the alternative: saturated fats

found in tallow, lard, butter, palm oil and coconut oil—fats traditionally used for frying and baking. Yet the scientific literature delineates a number of vital roles for dietary saturated fats: they enhance the immune system,⁴⁴ are necessary for healthy bones,⁴⁵ provide energy and structural integrity to the cells,⁴⁶ protect the liver,⁴⁷ and enhance the body's use of essential fatty acids.⁴⁸ Stearic acid, found in beef tallow and butter, has cholesterol-lowering properties and is a preferred food for the heart.⁴⁹ As saturated fats are stable, they do not become rancid easily, they do not call upon the body's reserves of antioxidants, they do not initiate cancer, and they do not irritate the artery walls.

Your body makes saturated fats, and your body makes cholesterol—about 2,000 mg per day. In general, cholesterol that the average American absorbs from food amounts to about 100 mg per day. So, in theory, even reducing animal foods to zero will result in only a five per cent decrease in the total amount of cholesterol available to the blood and tissues. In practice, such a diet is likely to deprive the body of the substrates it needs to manufacture enough of this vital substance.

Cholesterol, like saturated fats, stands unfairly accused. It acts as a precursor to vital corticosteroids (hormones that help us deal with stress and protect the body against heart disease and cancer) and to the sex hormones like androgen, testosterone, oestrogen and progesterone. It is a precursor to vitamin D, a very important

Cholesterol, like saturated fats, stands unfairly accused. It has a number of important functions in the body.

fat-soluble vitamin needed for healthy bones and nervous system, proper growth, mineral metabolism, muscle tone, insulin production, reproduction and immune system function. And it is the precursor to bile salts which are vital for digestion and assimilation of fats in the diet.

Recent research shows that cholesterol acts as an antioxidant.⁵⁰ This is the likely explanation for the fact that cholesterol levels go up with age. As an antioxidant, cholesterol protects us against free-radical damage that leads to heart disease and cancer. Cholesterol is the body's repair substance, manufactured in large amounts when the arteries are irritated or weak. Blaming heart disease on high serum cholesterol levels is like blaming firemen, who have come to put out a fire, for starting the blaze.

Cholesterol is needed for proper function of serotonin receptors in the brain.⁵¹ Serotonin is the body's natural 'feel-good' chemical. This explains why low cholesterol levels have been linked to aggressive and violent behaviour, depression and suicidal tendencies. Mother's milk is particularly rich in cholesterol and contains a special enzyme that helps the baby utilise this nutrient. Babies and children need cholesterol-rich foods throughout their growing years to ensure proper development of the brain and nervous system. Dietary cholesterol plays an important role in maintaining the health of the intestinal wall,⁵² which is why low-cholesterol vegetarian diets can lead to leaky gut syndrome and other intestinal disorders.

Animal foods containing saturated fat and cholesterol provide vital nutrients necessary for growth, energy and protection from degenerative disease. Like sex, animal fats are necessary for reproduction. Humans are drawn to both by powerful instincts. Suppression of natural appetites leads to weird nocturnal habits, fantasies, fetishes, bingeing and splurging. Animal fats are nutritious and satisfying and they taste good.

"Whatever is the cause of heart disease," said the eminent biochemist Michael Gurr in a recent article, "it is not primarily the consumption of saturated fats."⁵³ And yet the high priests of the lipid hypothesis continue to lay their curse on the fairest of culinary pleasures: butter and Béarnaise, whipped cream, soufflés and omelettes, full-bodied cheeses, juicy steaks and pork sausages.

On April 30, 1996, senior researcher David Kritchevsky received the American Oil Chemists' Society's Research Award in recognition of his accomplishments as a "researcher on cancer and atherosclerosis as well as cholesterol metabolism". His accomplishments include co-authorship of more than 370 research papers, one of which appeared a month later in the *American Journal of Clinical Nutrition*.⁵⁴ "Position Paper on *Trans Fatty Acids*" continued the debate on *trans* fats that began in the same journal with Hunter and Applewhite's 1986 attack on Enig's research. "A controversy has arisen about the potential health hazards of *trans* unsaturated fatty acids in the American diet," wrote Kritchevsky and his co-authors.

Actually, the controversy dates back to 1954. In the rabbit studies that launched Kritchevsky on his career, the researcher actually found that cholesterol fed with Wesson oil "markedly accelerated" the development of cholesterol-containing low-density lipoproteins; and cholesterol fed with shortening gave chole-

sterol levels twice as high as cholesterol fed alone.⁵⁵ Enig's work—and that of Kummerow and Mann and several others—merely confirmed what Kritchevsky ascertained decades ago but declined to publicise: that vegetable oils, and particularly partially hydrogenated vegetable oils, are bad news.

However, "Position Paper on *Trans Fatty Acids*" took no position at all. Studies have given contradictory results, said the authors, and the amount of *trans* in the average American diet is very difficult to determine. As for labelling, the authors said: "There is no clear choice of how to include *trans* fatty acids on the nutrition label. The database is insufficient to establish a classification scheme for these fats." There may be problems with *trans*, says the senior researcher, but their use "...helps to reduce the intake of dietary fats higher in saturated fatty acids. Also, vegetable fats are not a source of dietary cholesterol, unlike saturated animal fats."

Kritchevsky and his co-authors concluded that physicians and nutritionists should "...focus on a further decrease in total fat intake and especially the intake of saturated fat... A reduction in total fat intake simplifies the problem, because all fats in the diet decrease and choices are unnecessary." However, even senior scientists find that fence-straddling is necessary. "We may conclude," wrote Kritchevsky and his colleagues, "that consumption of liquid vegetable oils is preferable to solid fats."

As a footnote, early in 1998 a symposium entitled "Evolution of Ideas about the Nutritional Value of Dietary Fat" reviewed the many flaws in the lipid hypothesis and highlighted a study in which mice fed on purified diets died within 20 days, but mice fed on whole milk stayed alive for several months.⁵⁶ One of the symposium participants was David Kritchevsky. He noted that the use of low-fat diets and drugs in intervention trials "did not affect overall CHD mortality". Ever with a finger in the wind, this influential founding father of the lipid hypothesis concluded

thus: "Research continues apace and, as new findings appear, it may be necessary to re-evaluate our conclusions and preventive medicine policies."

Editor's Note:

This is an edited version of Part 2, with renumbered endnotes. The complete transcript and endnotes can be downloaded from our web page <www.peg.apc.org/~nexus/>.

About the Authors:

- Mary G. Enig, PhD, is an expert of international renown in the field of lipid biochemistry. She has headed a number of studies on the content and effects of *trans* fatty acids, and has successfully challenged government assertions that dietary animal fat causes cancer and heart disease. She is a licensed nutritionist, a qualified expert witness, a nutrition consultant to individuals, industry, and state and federal governments, a contributing editor to a number of scientific publications, a Fellow of the American College of Nutrition, and President of the Maryland Nutritionists Association.

- Sally Fallon is the author of *Nourishing Traditions: The Cookbook that Challenges Politically Correct Nutrition and the Diet Dictocrats* (with Pat Connolly, Executive Director of the Price-Pottenger Nutrition Foundation, and Mary G. Enig, PhD), as well as of numerous articles on the subject of diet and health.

... low cholesterol levels have been linked to aggressive and violent behaviour, depression and suicidal tendencies.

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THE HAMMER AND THE PENDULUM

New Theories on Earth Catastrophes

*Richard Noone,
author of 5/5/2000,
explains why we
should adopt a
more catastrophic
view of history.*

Part 1 of 2

by Richard W. Noone © 1998

- Internet websites:
- <http://rnoone.com>
 - www.futurefate.com

The shift in the Earth's crust was as sudden as it was devastating. It moved with such deadly force, with such overwhelming ferocity, that it caught everything in its path unaware and unsuspecting. It came like a great white shark from the ocean depths, its jaws open wide, ready to close on its victim. Nothing signified its approach, nothing warned of its danger.

Like a thief in the night, the deadly force moved, secretly and silently, propelled by centrifugal forces, its primeval power multiplying in strength, multiplying in intensity, and with ever-increasing velocity it carried its deadly power encased in the frigid ice of the poles. And with a suddenness borne of seeming desperation, it tore the planet's rigid crust asunder. There was a moment of seeming indecision, and then the Earth virtually ignited in angry response as volcanoes erupted and deadly earthquakes shook the globe.

The cataclysm came literally out of the blue, shattering the Earth's crust and driving the ocean into a maelstrom of death as the waters, riling in rage, burst across the land in 100-foot waves that afforded no warning to the inhabitants, no mercy for the living. A great civilisation was reduced to rubble.

With the passage of time, only a legend of the dream of the Golden Age that had been remained in the minds of those who survived. Those who could had sought protection in the hills; others, less fortunate but no less determined, fought it out with Nature with a courage born of desperation. Few prevailed, but those who did wandered the ruins like wild children. They had been stripped of their basic necessities and their dreams of tomorrow that their civilisation had provided. Bewildered, their trust in God, in Nature and even in their fellow man shattered, yet driven by the instinct to survive, they began the task of forging a living from what remained, knowing nothing of what tomorrow would bring. It would be many years, and countless aftershocks, before the event was over, so, without choice, they lived minute by minute with an anxiety born of panic, wondering, always wondering, if or when the Earth would shift again.

Dramatic? Perhaps, but no less true. Newly published evidence that is as exciting as any Hollywood disaster script or a synopsis of an historical geological event that transpired in remote antiquity, demonstrates that there was a geological Armageddon of such magnitude as to be almost beyond comprehension. Catastrophic Earth changes of this magnitude have been a part of Earth's history since time began, and with no less certainty they will be a part of its future.

So, as unpleasant as it may seem, it behoves us to take an investigative look at the theories that have attempted to explain these great periods of global death and extinction. Strangely, few theories have come from the orthodox community, but those that have are better characterised as 'let me guess' theories that seem to answer nothing. The more effectual efforts have come from a few seriously dedicated authors who have picked up the reins from Professor Charles H. Hapgood and have advanced his work to the level of a working model.

Many readers will identify with Professor Hapgood for the cautious and comprehensive manner in which he drafted his landmark books, *Earth's Shifting Crust* (1958), *Maps of the Ancient Sea Kings: Evidence of Advanced Civilization in the Ice Age* (1966) and *The Path of the Pole* (1970). Professor Hapgood is perhaps better known to the geophysical community for having laid out the hard evidence, as indeed many modern researchers are now coming to realise, that the science we see at the dawn of recorded history was not science at its dawning, but represents the remnants of the science of some great and as-yet-untraced civilisation.

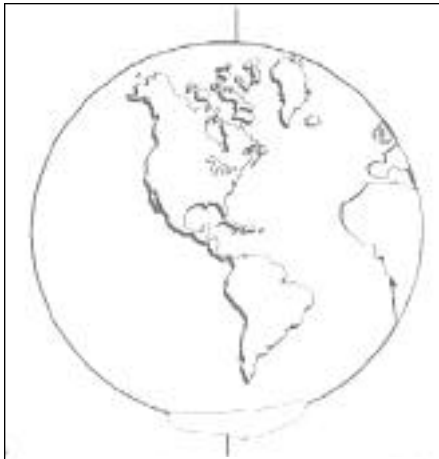


Figure 1
The year is 1999, and East Antarctica is covered with over three miles of ice whose mass centre is offset a dangerous 400 miles east of the geographic pole. It is poised to shift, and chaos is awaiting the signal that the RB-Effect has broken the last of the crustal ties.



Figure 2
With the failure of the last crustal tie, the crust will slip across the inner mantle, carrying the frigid ice of the polar regions into the lower latitudes, and the following waters will swallow the land and all that inhabits it.



Figure 3
When the air clears and the waters have settled, the dawn will awaken to find a new world!

In my own book on this subject, *5/5/2000, Ice: The Ultimate Disaster*, I sought to answer the many questions that were before me by inviting other professionals to share their thoughts through interviews that I replicate for the reader. The beautiful thing about interviews is that they solicit spontaneous responses that often express a deeper meaning than if the words had been prepared in advance for publication. Some of the interviews were so thoroughly thought-provoking that I felt exhilarated by the experience, and would sit quietly for long periods afterwards, just wondering: From where did the marvels of this Earth, of this incredible world, originate?

Reflecting on this, one questions: How accurate are we in our belief that one continent, Pangaea, broke up and dispersed its part? And how accurate are we in our belief, though there is no modern analogue, that 17,000 years ago, glacial ice began to form in the temperate climates of the mid-latitudes as an onset to the ice ages? And how accurate are we in our belief that a 5,000-mile front of ice could retreat thousands of miles northward with no other Earth changes being apparent? There is no modern analogue for events of this magnitude! Do mountains form and rivers run, again, for reasons that have no modern analogue?

How is it that every natural phenomenon that we are witness to today has no analogue known to science? Nothing seems to be caused by anything that we are the least bit familiar with! Why is this the case? Why, when we're confronted with the overwhelming geological evidence that this insidious calamity has destroyed our ancestral civilisations on more than one occasion, haven't we learned the cause? Have we become so sophisticated, so arrogant in our thinking, that we feel immune? Or have we, mankind, not

wanting to face the horrifying truth of surging waters, chosen instead, like the Lotus-Eaters of Greek mythology who ate of the fruit of the lotus, to forget our past and live now in blissful indolence? Whichever the case, whether it's arrogance or indolence, the cause has eluded identification and has solicited silence. But silence, as the universal refuge, has become insufficient because the question of what could cause these hideous calamities thunders forth, demanding an answer. In the paragraphs ahead, we will seek an answer to this geological mystery. We will seek the cause.

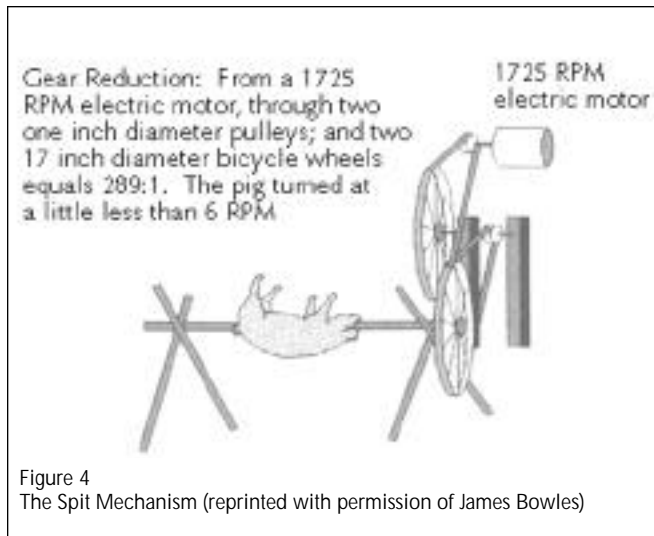


Figure 4
The Spit Mechanism (reprinted with permission of James Bowles)

Each year through the mail I receive many books by new authors wanting me to review their work or give a cover endorsement. These arrive usually unsolicited, because *5/5/2000* has had the effect of typecasting me as one who has openly sought answers and as one who is open to this type of inquiry. And genuinely I am, so I read them all, seeking the cause of the shift. In many respects, as their vogue is catastrophic Earth changes, I find them much alike; yet, on another scale, each is as varied as the sea is from the land.

This maintained an element of curiosity with me until a suggested answer came, strangely enough, from one of these unsolicited books, *The Gods, Gemini, and the Great Pyramid* by James Bowles.¹ In addressing these very same wonders, he wrote (p. 89):

There have always been differing views about the origin of life and land. Some authors, following a course of evolution, have found evidence of slow movements of the continents and the gradual evolution of life forms. Others, differing from this course, formulated a role for catastrophic intervention

that usurped the tranquility of the planet in brief episodes of chaos. Different as these views are, we might conclude that they found their origins in worlds apart. But how could they? They all must have used the same data bank of geological and fossil evidences...after all, there is but one! Then how did they separate in view and come to opposite conclusions?

In answer, Bowles quotes R. J. Campbell:

If the intellect were thoroughly reliable there ought to be no room for differences. But unfortunately it is not, so two individuals, both intelligent and both conscientious, may form diametrically opposite judgements from exactly the same evidence.

If Campbell is right, and instinct assures me that he is, then perhaps the philosophic difference between the proponents of gradual evolution, a theory modernly coupled with Uniformitarianism, and those of the catastrophic Earth-changes camp, or Catastrophism, though seemingly worlds apart, may not be one so much of fact as perception. Initial acceptance of this as a rudimentary truth could bring us to a point of agreement, on one issue at least, that being that it should be outside of the realm of debate (as this author reminds us), there is but a single set of cultural, geologic and fossil evidences in existence for any of us to explore (or exploit)!

That accepted as a basic truth, we can reasonably take the next step and find a second point of agreement based on the original premise, this being that the philosophic difference between Uniformitarianism and Catastrophism is not one based on fact but is one of interpretation.

If we were to consider signing a pact of agreement on these two issues, perhaps we could consider a third point. For instance, isn't it true that the securable evidences, once limited by geographical barriers and the austere nature of the investigative tools, have changed dramatically since geological investigations turned serious in the 18th century, a time when Uniformitarianism was born? If we concede this point, wouldn't it then be incumbent upon us to take on the proverbial reptilian character of shedding old coats that are no longer useful? Shouldn't we begin to give serious consideration to closing the drawer on old scientific paradigms and move on in favour of new ones that better explain the evidence?

These 'facts' or 'perception queries' are not new to this article. They were originally submitted by the most noted of all authorities on this matter, the very same British biologist who gave up his own biological research to champion Darwin's theory of evolution: Professor Thomas Henry Huxley (1825–1879). So, in acknowledging the impeccable credentials of this most noted scientist, I humbly submit that few modern-day biologists or Earth science researchers would likely withhold agreement with the professor, who, in 1869, addressed the Geological Society with the proposition that catastrophe was part and parcel with uniformity. Huxley wrote:²

To my mind there appears to be no sort of theoretical antagonism between Catastrophism and Uniformitarianism; on the contrary, it is very conceivable that catastrophes may be a part and parcel of uniformity.

Let me illustrate my case by analogy. The working of a clock is a model of uniform action. Good timekeeping means uniformity of action. But the striking of a clock is essentially catastrophe.

The hammer might be made to blow up a barrel of gun powder or turn on a deluge of water, and by proper arrangement the clock, instead of marking the hours, might strike all sorts of irregular intervals, never twice alike in the intervals, force or numbers of its blows.

Nevertheless, all these irregular and apparently lawless catastrophes would be the result of an absolutely Uniformitarian action, and we might have two schools of clock theorists, one studying the hammer and the other the pendulum.

So, if uniformity and catastrophe, rather than being the antagonists that perception has separated into evolutionist and creationist camps, became the new paradigm of agreement instead, what specific action would it take to bring the metaphorical hammer and pendulum into synchronous motion so that the pendulum, in laying out the passage of geological time, is coordinated with the striking of the geological patterned hammer? A unification theory perhaps?

There have been various attempts at unification, but each has failed—largely, I suggest, because insufficient consideration has ever been given to the fact that Nature's laws are in control of the motions of the hammer and the pendulum. But scientists don't know what laws these may be, or where to look, or where to go, or what to do to find out, and so to this very day, these laws remain undefined.

The hammer and the pendulum parable that we have been discussing here, so that we keep it fresh in our minds, is about the Earth sciences. We are talking about the formation of continents, of mountains, of the re-establishment of stagnant rivers to their primeval heights. We are talking about earthquakes, volcanoes and the Earth's magnetic field. We are talking about catastrophic episodes that have churned the crust into a menagerie of the dead. We are noting the fact that nothing is original; every particle of the Earth's crust has been recycled. The evidence is so pervasive that its very presence is proof in itself of catastrophe.

There can be but scant debate on this issue, for the entire expanse of the crust's upper layers, top to bottom, side to side, is one huge graveyard. The remains, which number in the tens of millions, are interspersed in the tundras of the North, the caves and fissures of the mid-latitudes, and the sedimentary rock of the continental and ocean basins—fossilised and unfossilised, bone and tissue, human and animal. There are seashells buried on mountain-tops and trees standing upright on the ocean floor.

There have been crustal fissure openings of such dimension that the hot magmas flowed so freely as to cover thousands of square miles of Washington, Oregon, and Idaho in the United States with lava hundreds of feet thick, in a region called Columbia Plateau. The lava floods of India, known as the Deccan Traps, spilled an incredible 480,000 cubic miles of lava across the Earth. Another, twice the size of Alaska and over 25 miles thick, called the

Why, when we're confronted with the overwhelming geological evidence that this insidious calamity has destroyed our ancestral civilisations on more than one occasion, haven't we learned the cause?

Ontong Java Plateau, lies on the ocean floor near the Solomon Islands,³ and similar fields are found in Siberia and elsewhere. Across it all, lies the undisguised evidence of glacial scouring.

I recently found an article, "The History of Physics",⁴ which is not the commonest of reading subjects, but on this occasion I immersed myself in its detail. It must be known that the subject bears far more than I could ever hope to remember, but one detail did stand out above everything else, and that was how few scientists, actually how few people, were responsible for what we know in the field of physics today.

There were names like Newton, Kepler, Euler, Faraday, Maxwell, Fermi and Einstein, but, strangely, there were not many others. For me, the names James Clerk Maxwell and Michael Faraday stood out like neon lights for two powerful reasons that are appropriate to mention here.

In the preface to his *Treatise on Electricity and Magnetism*,⁵ Maxwell (1831–1879) attacked the scientific community on two fronts. First, he was furious over the abuse afforded Faraday and his work because the attacks were based solely on the establishment's disdain for Faraday's research methods. Do you believe it? His research *methods!* They didn't suit the scientists. It's a wonder, because Faraday's discovery that electricity flowed from the forces of magnetism is the solitary principle governing the operation of every single electric motor, generator, solenoid or transformer ever built!

Maxwell, for those not familiar with his work, was a mathematical genius who, at the end of the last century, virtually defined the field of electricity and magnetism. But what were the names of those scientists who were so distraught over Faraday's methods?

The other point of Maxwell's attack can only be appreciated from his own words. Here he is utterly frustrated over the fact that good works are mixed with bad, both are written in unintelligible language and then put together in a drawer, never to be seen again! According to Maxwell:

There is a considerable mass of mathematical memoirs which are of great importance...but they lie cancelled in the bulky transactions of learned societies. They do not form a connected system, they are of very unequal merit, and they are, for the most part, beyond the comprehension of any but professed mathematicians.

Maxwell's statements are clearly rather contemptuous of the orthodox system, but the points that he makes are well taken. How can we progress, he asks, if we can cast aside genius because we object to, or perhaps don't understand, its methods, and how can we progress if what others have accomplished lies cancelled from the public eye?

We must face these facts and events square-on if the evolutionist and creationist camps are to form a new paradigm of agreement. It is time that we do this, for it is no longer satisfactory to deny the evidence of 40 million animals that lie buried from a single event that occurred less than 10,000 years ago that anyone with a shovel can unearth.

The evidence favouring catastrophe is just too powerful, too pervasive, and it demands that we abandon the 18th century paradigm and consider an alternative that fits the observable facts.

We are not left without choices in this matter, because there have been some wonderfully *intuitively correct theories* advanced by some of these new authors.

There is one theory in particular that should be mentioned here, because not only does it address the *causal forces* involved in the catastrophic processes, but the same theory, unmodified, is applied in answer to the common questions about the origin of earthquakes, volcanoes and the Earth's own magnetic field. The theory is based on a process that the author, James Bowles, in his book, *The Gods, Gemini, and the Great Pyramid*, calls the Rotational-Bending Effect or, simply, the RB-Effect.

The principles that the RB-Effect advances are new to science and will require some detailed discussion which I will develop later, but the concept lends itself well to illustration and casual narration. So, in Bowles' words:

The discovery of the RB-Effect started out as a simple pig roast. We chose to roast the pig on a spit over a bed of coals, but the mechanism is not easily described, so rather than trying I'll just illustrate it, except to say that the spit is better portrayed as a one-and-a-half-inch-diameter galvanized water pipe rather than a proper spit. This is important to the story, because halfway through the night, the pipe broke and the pig fell in the fire. Actually, it was pretty funny.

It was, however, on the second morning anniversary of this event that I was suddenly struck with the realization that the pig had solved one of the most enigmatic problems facing science today. When the pig fell into the fire, it wasn't just because the spit broke; rather, it fell into the fire because the spit broke from fatigue. What I'd realized was that my hapless spit, which was bending under the weight of the pig, had been constantly rotating, and the combination—the bending and the continual rotation—was doing a fatigue

number on the pipe. It was creating internal tension and compression stresses, and the rotation was continually walking these stresses around and around inside the pipe, and heating it and wearing it out in the process.

The same thing can be shown to happen to the crust of the Earth. In a simplified fashion, and liken it to the adventure with the pig, this is what takes place.

First! Think of the crust, because of the subsurface plastic layer, as having some independent freedom to move. It would be a little like loose cargo moving about on the deck of a ship. And think of the crust being caused to bend along the plane of the ecliptic by the gravitational pull of the Sun and the Moon while it is in a state of simultaneous rotation. It rotates under this loading condition at a thousand miles an hour at the equator, 24 hours a day, 365 days a year, on and on for all eternity.

The evidence favouring catastrophe is just too powerful, too pervasive, and it demands that we abandon the 18th century paradigm and consider an alternative that fits the observable facts.

The rotation and simultaneous bending has the consequence of fatiguing the crust and eventually exhausting the plastic layer's resilience. The crust's ties to the inner Earth will eventually break and everything will be set to fail. It plain out-and-out fails from fatigue!

Throughout his book Bowles emphasises, while quoting the works of scientists and other professionals who have spoken on the same issue, that all of the Earth's processes are controlled by *forces*—not energy, not momentum, and not any deeply hidden principle of unknown character; just forces. By example, forces are what propel cars, bicycles and the water from the faucet; they provide lift for an aircraft, cause a baseball to curve, and a golf ball to go into the brush; they cause electric motors to turn and they raise mountains. We merely have to observe the physical consequence of their action to establish their identity.

I'll expand on this point below, but for the moment I want to establish for the reader my intent in the continuing pages of this article. So here are the issues, as concisely as I can state them:

- a) The Debate: Evolution vs Creation, Uniformitarianism vs Catastrophism
- b) Uniformitarianism: What does it mean?
- c) Catastrophism: What does it mean, and does its consequence affect us today?
- e) A Solution to the Dilemma: a Unified Theory
- e) The Unifying Theory: the RB-Effect

THE DEBATE: Evolution vs Creation, Uniformitarianism vs Catastrophism

If we were to examine the level of informational bureaucracy in the Earth sciences today, we'd be so confused that it'd take a month of blue moons to re-gather our thoughts. Let me give you some for-instances. There are more glossary terms than there are stars in the sky. There are more unsolved mysteries than you could find from every ancient culture in the world. There are more adversarial topics than there are synonyms for antonyms written in all the dictionaries that have ever been. And if we were to sum up what we know, that is to say, what we are really sure of, we'd be forced to admit that we know virtually nothing! Why is that?

It is because the debates that have hampered discovery have been around for so long that they have all acquired names: Catastrophism versus Uniformitarianism, Evolution vs Creation, the Big Bang vs Steady State, the Big Bang vs Creation, Plate Tectonics vs Catastrophism, Plate Tectonics vs Shifting Crust, or Plate Tectonics vs Shifting Axis. We don't know whether isostasy is a process or a condition, or whether the geomagnetic field is formed deep within the Earth's core or from processes that go on in the upper mantle. We don't know whether recent elevations of the Himalayas are the result of crustal collisions or due to some unknown, deep Earth process, and we're in constant debate over whether the Earth originated as the product of accretion or as a fiery, primordial ball. And we still think that human culture evolved in a lineal ascent from the primitive to the advanced, that Columbus discovered America, and that the Great Pyramid was constructed using slave labour.

So there we go! Nothing seems to be caused by anything that we are the least bit familiar with! Why, and I must ask this again, why is that? I've said that I read all the books that the new authors send me, and I've drawn some conclusions from the new ideas that have been proposed.

Here is where I stand. I'm on record in my own book, *5/5/2000, Ice: The Ultimate Disaster*, that I support the Catastrophism view, and I have given up on the theory of *pure* natural selection in the evolution of new species in favour of a form of natural selection which is 'signed' by catastrophic interludes that prompt episodes of spontaneous mutation.

I favour brief cataclysmic episodes and shifting crusts over plate tectonics, and isostasy as a process. I favour the answers concerning the origin of the geomagnetic field and the recent changes in elevation in the Himalayan mountains to be addressed as a product of upper mantle processes. I favour accretion over a fiery primordial ball, and I'll not even comment on Pyramid slave labour or the Columbus debates, preferring instead to label them as ludicrous.

What I've done here is taken my computer mouse and clicked on every option that I felt had any chance of survival in an open debate where substantial elements of real proof had to be submitted in advance as a condition for participation. As my last selection, I clicked on Creation over the Big Bang because of articles that appeared in two US periodicals, *US News & World Report*⁶ and *Newsweek*⁷ where it was said that many of today's scientists are having a difficult time with the Big Bang theory without some consideration being given to Divine intervention.

I think the advantage of the high ground, in terms of the unifying theory that we will be discussing below, goes to those who can demonstrate that they can put a position paper together that doesn't provide multiple answers to questions and doesn't put all the controlling principles that they're administering in conflict with one another.

How many debate camps would we have if these were the rules? I have to admit, though grudgingly because it was a great idea, that forming a position paper of this sort was not my idea. It came from Mac B. Strain, author of *The Earth's Shifting Axis*.

Strain fashioned his position paper on page seven as an open challenge to scientists. He challenges the concept of thermal energies powering tectonic movements, and he challenges the corollary theory of subduction. He challenges the validity of palaeomagnetism and the "notion" (his term) that the ice and coal ages, which he views as concurrent antipodal events, relate in any way to changes in solar heat, or that the Siberian mammoths died a slow death, and he suggests that the glacial fingerprints in India, Africa and South America are not those of drifting continents. Most remarkably in my opinion, he challenges the validity, and even the advisability of elevating what he calls "working theories" to the status of fact before they have earned the right—plate tectonics theory and its corollaries, he suggests, being a single but classic example. For my part, I have little problem with any of these.

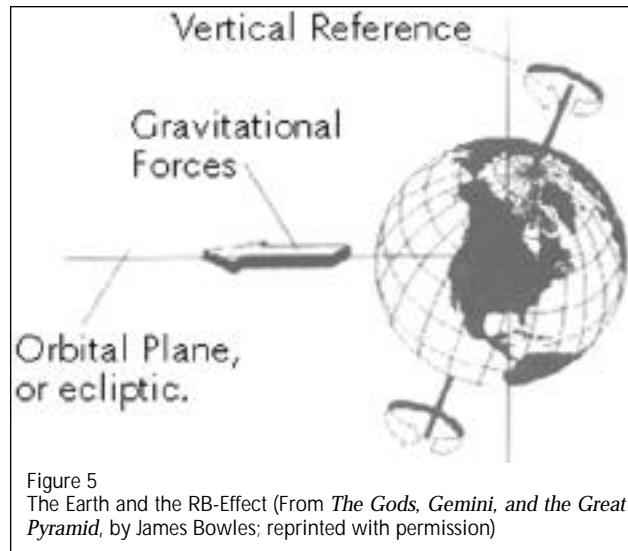


Figure 5
The Earth and the RB-Effect (From *The Gods, Gemini, and the Great Pyramid*, by James Bowles; reprinted with permission)

Bowles, on the other hand, doesn't give us a position paper *per se*; that is to say, he doesn't list them all in one place—rather, he scatters them throughout the 288 pages of text, illustrations and photographs, but leaves no question as to where he stands on the issues of debate. In the prologue, Bowles describes the process, that is, the cause, the actual mechanics, for the catastrophic episodes that we have been discussing, which he argues (quoting Hapgood) "is responsible for not only the ice ages, not only for the mountain ranges, but possibly for the very history of the continents and for all the principal features on the face of the Earth". He doesn't just say it, he lays out the physics of the process in words so plain and simple they could be taught in high school science classes. In consideration of the reader, however, the mathematics are held for the appendix, but his description is clear enough.

UNIFORMITARIANISM: What does it mean?

Uniformitarianism is generally credited to the Scottish geologist James Hutton who, in his dogged stand against catastrophe, wrote in his controversial *Theory of the Earth* (1788) the often-quoted statement: "As it was in the beginning, is now, and ever shall be, world without end." He goes on to say:

Not only are no powers to be employed that are not natural to the globe, no action to be admitted of except those of which we know the principle, and no extraordinary events to be alleged in order to explain a common appearance, the powers of nature are not to be employed in order to destroy the very object of those powers... Chaos and confusion are not to be introduced into the order of nature, because certain things appear to our partial views as being in some disorder. Nor are we to proceed in feigning causes when those seem insufficient which occur in our experience.

There is an inherent attractiveness to this statement that needs our exploitation, because Hutton's words have been modernly misinterpreted to mean simply that "Chaos and confusion are not to be introduced into the order of nature, because certain things appear to our partial views as being in some disorder".

This suggests, of course, that catastrophe is outside of the natural order of Nature. However, as any reader can clearly see, this limited interpretation was not the intent of his statement. Let's look: "Chaos and confusion are not to be introduced into the order of nature, because certain things appear to our partial views as being in some disorder...; no action to be admitted of except those of which we know the principle..." It is a clear admission that if the extraordinary events, the chaos and the confusion to which Hutton refers could be defined in terms for which "we know the principle", they would fall within the scope of "the order of nature".

So, it is my ongoing intent to show that there are forces for which I can demonstrate the principles that influence the extraordinary events, the chaos and the confusion, so that we may finally end this debate.

CATASTROPHISM: What does it mean, and does its consequence affect us today?

There is nothing born in the knowledge of the catastrophic processes that the Earth experiences that will help mankind survive the deadly consequence of the next event. We can apply what understanding we have and attempt to secure safe haven. But we'd have to share what little safe ground there may be with three billion other people. We'd have to drop our daily chores at the first sound of chaos, but I don't know what chaos sounds like—a freight train perhaps? But I'd hate to be put into a panic every time I heard a freight train! So I think it's apparent that knowledge for knowledge's sake is not going to be very helpful unless there is a constructive way that we can apply that knowledge.

The obvious question that this solicits is this: What constructive good can come from acknowledging the forces of catastrophe? The answer, though hidden from us now, is as obvious as the question. Before I answer it, however, I want to outline for you what catastrophe meant to those ancient peoples who survived to rebuild their lost civilisation.

1. Families and cities, mining and manufacturing, retail, libraries, governing agencies, communication and infrastructures would all have been disrupted or totally destroyed; and, perhaps worse, man's trust in God, in Nature and his fellow man would have been shattered.

2. Disaster would have prevailed on the high seas and inland to the hills from waters disrupted from their normal courses. Earthquakes would have devastated all that the waters hadn't reached, and volcanic eruptions would have filled the atmosphere with dust and sound so overpowering as to be maddening. Man's origins, his genealogy, his heritage, his dreams would thus have been buried under one more layer of debris.

3. Elevations would have changed and new mountains been formed. Rivers once slow and clogged with silt would have gained new heights to become in power like the canyon-forging torrents of the primaeval Colorado.

4. There would have been mass extinctions of plant and animal species; and if history repeated itself, there would have been spontaneous mutations of both plant and animal species—where, as proof from events as recent as 10,000 years ago, mastodons became elephants, sabre-toothed tigers became Bengal tigers, giant sloths and beavers were reduced to rodents, and the woolly rhinoceroses changed colour and shed their hair.

The first dawn would have shed its light over a new motif of islands and deserts, forests and rivers; it would have seen the glaciers begin to re-form at the poles, and the RB-Effect beginning anew to tear at the crust to start the process all over again.

Perhaps now you are wondering what earthly good does knowing serve? Well, I said that the answers were as obvious as the questions, so let's ask questions, and I invite you to refer to the answers above as you contemplate these.

There is nothing born in the knowledge of the catastrophic processes that the Earth experiences that will help mankind survive the deadly consequence of the next event.

Continued on page 83

A MOTOR POWERED BY PERMANENT MAGNETS

by Jorma Hyyppia

This article originally appeared in the Spring 1980 edition of *Science & Mechanics*, a magazine which is now defunct. We reprint it, though in edited form, in the hope that a new generation of tinkers will be inspired by the device. We have verified that the inventor, Howard Johnson, was awarded the patent on his permanent magnet-powered motor in 1979 as well as a further patent relating to the device in 1993. — Editor

"We don't grant patents on perpetual motion machines," said the examiners at the US Patent Office. "It won't work because it violates the law of conservation of energy," said one physicist after another. But because inventor Howard Johnson is not the sort of man to be intimidated by such seemingly authoritative pronouncements, he now owns US Patent No. 4,151,431 which describes how it is possible to generate motive power, as in a motor, using only the energy contained in the atoms of permanent magnets. That's right. Johnson has discovered how to build motors that run *without* an input of electricity or any other kind of *external* energy!

When this writer was urged by the editor of *Science & Mechanics* to make a thousand-mile pilgrimage to Blacksburg, Virginia, to meet with the inventor, he went there as an 'open-minded sceptic' and as a former research scientist determined not to be fooled. Within two days, this former sceptic had become a believer.

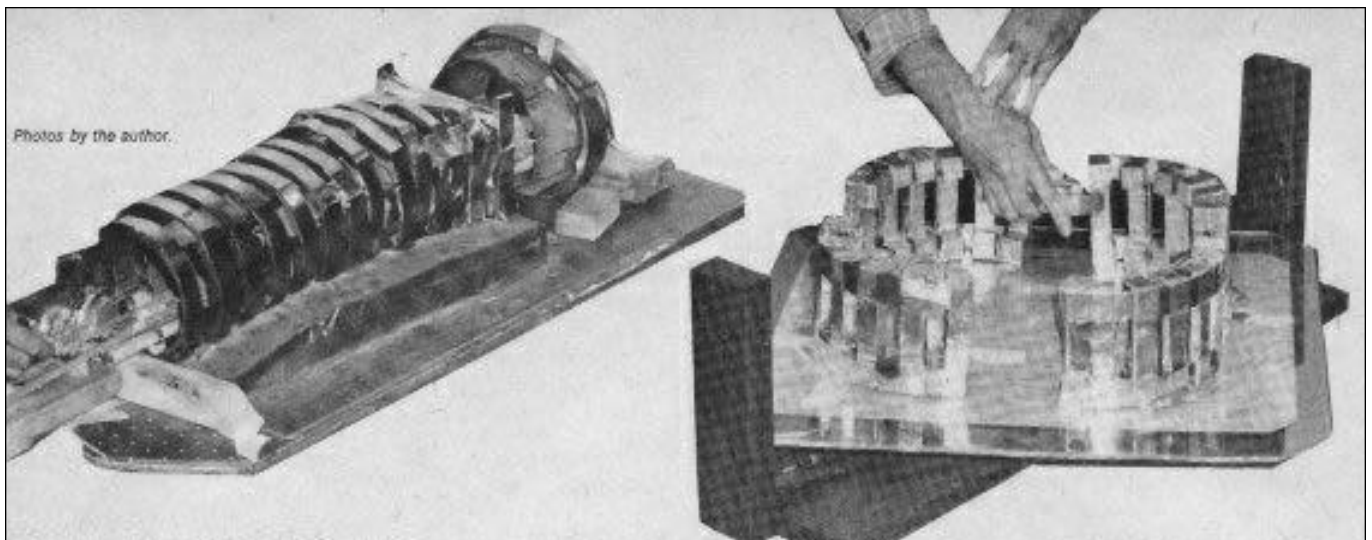
Does Johnson's permanent magnet motor work? Is Johnson a bona fide researcher, or merely a 'garage mechanic' mad inventor? As the following brief summary suggests, the inventor's credentials appear to be impeccable.

Following seven years of college and university training, Johnson worked on atomic energy projects at Oak Ridge, did magnetics research for Burroughs company, and served as scientific consultant to Lukens Steel. He has participated in the development of medical electrical products, including injection devices. For the military he invented a ceramic muffler that makes a portable motor generator silent at 50 feet; this has been in production for the past 18 years. His contributions to the motor industry include: an hysteresis brake; non-locking brake materials for anti-skid application; new methods of curing asbestos fibres. He has also worked on silencers for small motors, a supercharger,

and has perfected a 92-pole no-brush generator to go in the wheel of Lincoln automobiles as a skid control. In all, Johnson is connected with more than 30 patents in the fields of chemistry and physics.

Perhaps the best way to describe what these three gadgets do is by reciting this writer's personal experiences during the interview demonstration. That way I will not merely be telling what the inventor says they do, but I will reveal what happened when I tried the experiments myself.

The first item consists of more than a dozen foil-wrapped magnets assembled to form a broad arc. Each magnet is extended upward slightly at each end to form a low U-shape, the better to concentrate magnetic fields where they are needed. The overall curvature of the mass of magnets apparently has no particular significance except to show that the distance between these stator magnets and the moving vehicle is not critical. A transparent plastic sheet atop this magnet assembly supports a length of plastic model railroad track. The vehicle, basically a model railroad flatcar, supports a foil-wrapped pair of curved magnets plus some sort of weight, in some cases merely a rock. The weight is needed to keep the vehicle down on the track, against the powerful magnetic forces that would otherwise push it askew. That is all there is to the



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construction of this representation of a "linear motor".

I was prepared to develop eye strain in an effort to detect some sort of motion in the vehicle. I need not have been concerned. The moment the inventor let go of the vehicle he carefully placed at one end of the track, it accelerated and literally *zipped* from one end to the other and flew onto the floor! Wow!

I tried the experiment myself, and could feel the powerful magnetic forces at work as I placed the vehicle on the track. I gently eased the vehicle to the critical starting point, taking great care not to exert any kind of forward push, even inadvertently. I let go. Zip! It was on the floor again, at the other end of the track. Knowing that I

would be asked if the track might have had a slant, I reversed the vehicle and started it from the opposite end of the track. It worked just as effectively in the reverse direction. In fact, the vehicle can even navigate a respectable upgrade.

In light of these tests, and considering the remarkable speed of the vehicle, you can discount any notion that this was a simple 'coasting' effect.

The second device has the U-shaped magnets standing on end in a rough circular arrangement oddly reminiscent of England's Stonehenge. This assembly is mounted on a transparent plastic sheet supported on a plywood panel, pivoted underneath on a free-turning wheel obtained from a skateboard.

As instructed, I eased the 8-ounce focusing magnet into the ring of larger magnets, keeping it at least four inches away from the ring. The 40-pound magnet assembly immediately began to turn, and accelerated to a very respectable rotating speed which it maintained for as long as the focusing magnet was held in the magnetic field. When the focusing magnet was reversed, the large assembly turned in the opposite direction.

Since this assembly is clearly a crude sort of motor, there's no doubt that it is indeed possible to construct a motor powered solely by permanent magnets.

The third assembly, which looks like the bones of some prehistoric sea creature, consists of a tunnel constructed of rubber

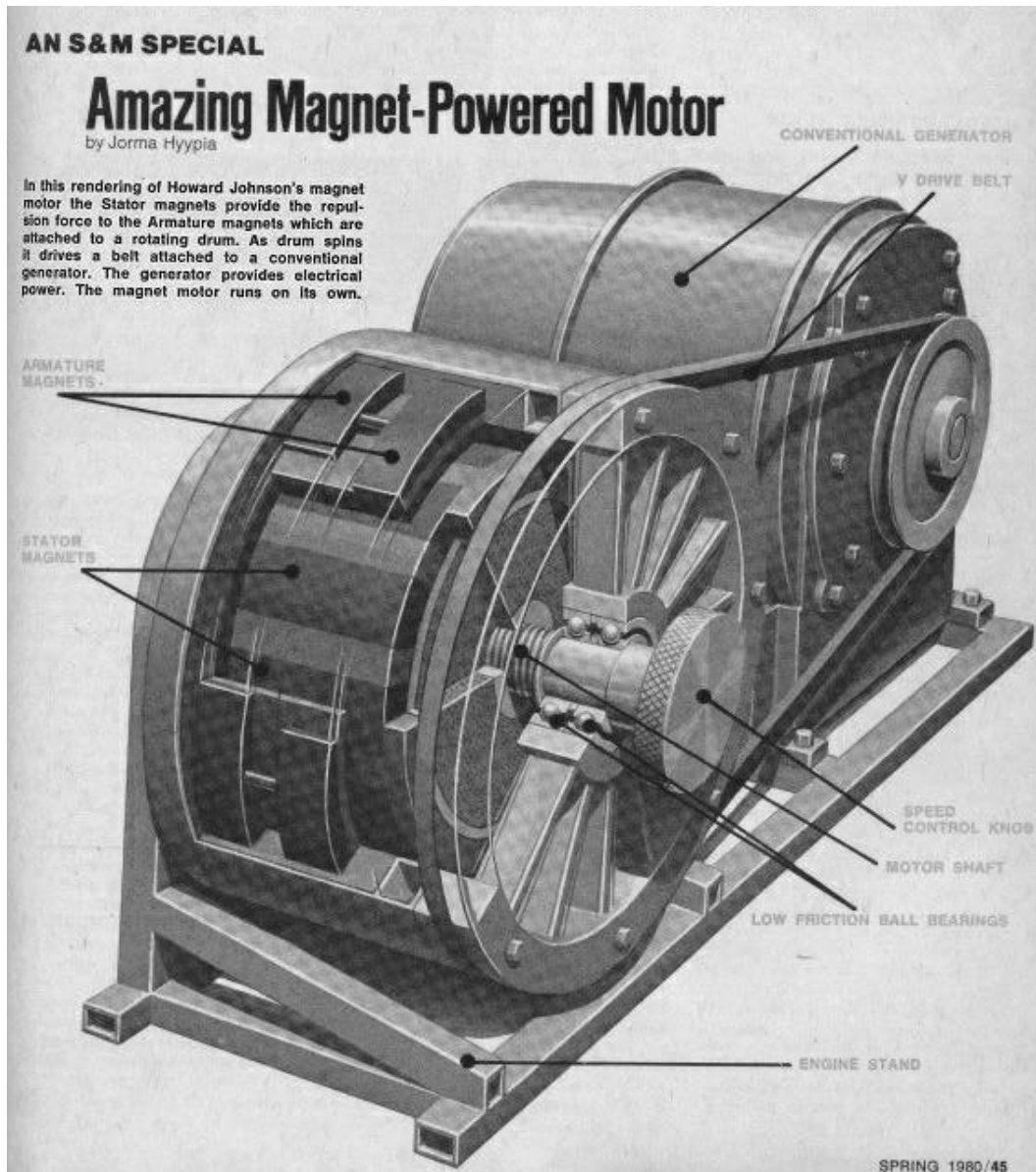
magnet material that can be easily bent to form rings.

The tunnel device of course worked very well in the inventor's office during my visit, although Johnson observed that the rubber magnets are perhaps a thousand times weaker than the cobalt samarium magnets used in the other assemblies. There's just one big problem with the more powerful magnets: they cost too much.

How do they work? The drawing that shows a curved 'arcuate' armature magnet in three successive positions over a line of fixed stator magnets provides at least highly simplified insights into the theory of permanent magnet motive power generation.

Johnson says curved magnets with sharp leading and trailing edges are important because they focus and concentrate the magnetic energy much more effectively than do blunt-end magnets. These arcuate magnets are made slightly longer than the lengths of two stator magnets plus the intervening space—in Johnson's setups about 3 1/2 inches long.

Note that the stator magnets all have their North faces upward, and that they



are resting on a high magnetic permeability support plate that helps concentrate the force fields. The best gap between the end poles of the armature magnet and the stator magnets appears to be about $\frac{3}{8}$ of an inch.

As the armature north pole passes over a magnet, it is repelled by the stator north pole; and there's an attraction when the north pole is passing over a space between the stator magnets. The exact opposite is of course true with respect to the armature south pole. It is attracted when passing over a stator magnet and repelled when passing over a space.

The various magnetic forces that come into play are extremely complex. The leading (N) pole of the armature is repelled by the north poles of the two adjacent magnets. But, at the indicated position of the armature magnet, these two repulsive forces (which obviously work against each other) are not identical; the stronger of the two forces (double dashed line) overpowers the other force and tends to move the armature to the left. This left movement is enhanced by the attraction force between the armature north pole and the stator south pole at the bottom of the space between the stator magnets.

But that's not all! Let's see what is happening simultaneously at the other end (S) of the armature magnet. The length of this magnet (about $3\frac{1}{8}$ inches) is chosen, in relation to the pairs of stator magnets plus the space between them, so that once again the attraction/repulsion forces work to move the armature magnet to the left. In this case the armature pole (S) is attracted by the north surfaces of the adjacent stator magnets but, because of the critical armature dimensioning, more strongly by the magnet (double solid line) that tends to 'pull' the armature to the left. It overpowers the lesser 'drag' effect of the stator magnet to the right. Here also there is the added advantage of, in this case, repulsion force between the south pole of the armature and the south pole in the space between the stator magnets.

The importance of correct dimensioning of the armature magnet cannot be over-emphasised. If it is either too long or too short, it could achieve an undesirable equilibrium condition that would stall movement. The objective is to optimise all force conditions to develop the greatest possible *off-balance* condition, but always in the same direction as the armature magnet moves along the row of stator magnets. However, if the armature is rotated 180

degrees and started at the opposite end of the track, it would behave in exactly the same manner except that it would, in this example, move from left to right. Also note that once the armature is in motion, it has *momentum* that helps carry it into the sphere of influence of the next pair of magnets where it gets another push and pull, and additional momentum.

Complex Forces. Some very complex magnetic forces are obviously at play in this deceptively simple magnetic system, and at this time it is impossible to develop a mathematical model of what actually occurs. However, computer analysis of the system, conducted by Professor William

Since this assembly is clearly a crude sort of motor, there's no doubt that it is indeed possible to construct a motor powered solely by permanent magnets.

Harrison and his associates at Virginia Polytechnic Institute (Blacksburg, VA), provides vital feedback information that greatly helps in the effort to optimise these complex forces to achieve the most efficient possible operating design.

As Professor Harrison pointed out, in addition to the obvious interaction between the two poles of the armature magnet and the stator magnets, many other interactions are in play. The stator magnets affect each other and the support plate. Magnet distances and their strengths vary despite best efforts of manufacturers to exercise quality controls. In the assembly of the working model, there are inevitable differences between horizontal and vertical air spaces. All these interrelated factors must be optimised, which is why computer analysis in this refinement stage is vital. It's a kind of information feedback system. As changes are made in the physical design, fast dynamic measurements are made to see whether the expected results have actually been achieved. The new computer data is then used to develop new changes in the design of the experimental model. And so on, and on.

That very different magnetic conditions exist at the two ends of the armature is shown by the actual experimental data displayed in the table and associated graph [not shown here]. To obtain this information, the researchers first passed the probe

of an instrument used to measure magnetic field strengths over the stator magnets and the intervening spaces. We shall call this the 'zero' level, although there is a very tiny gap between the probe and the tops of the stator magnets. These measurements in effect indicate what each pole of the armature magnet 'sees' below as it passes over the stator magnets.

Next the probe is moved to a position just beneath one of the armature poles, at the top of the $\frac{3}{8}$ -inch armature-to-stator air gap. Another set of magnetic flux measurements is made. The procedure is repeated with the probe positioned just beneath the other armature pole.

Now 'instinct' might suggest, and correctly so, that the flux measurements at the top and bottom of the air gap will differ. But if instinct also suggests that these differences are pretty much the same at the two armature pole positions, you would be very much in error! In this particular experiment the total magnetic flux amounted to 30,700 gauss when the probe was held at the zero level under the north pole of the magnet, and a total of 28,700 gauss when the probe was moved to the top of the $\frac{3}{8}$ -inch air gap. The difference between these total measurements is 2,000 gauss. Similar readings made at the air gap between the south pole of the armature and the stator magnets indicates a total flux at zero level of 33,725 gauss, and 24,700 gauss at the top of the air gap. This time the difference is a much larger 9,025 gauss, or four and one half times greater than for the north pole! Clearly, the magnetic force conditions are far from identical at the two ends of the armature magnet.

The Ultimate Motor. A motor based on Johnson's findings would be of extremely simple design compared to conventional motors. As shown in the diagrams developed from Johnson's patent literature [not included here], the stator/base unit would contain a ring of spaced magnets backed by a high magnetic permeability sleeve. Three arcuate armature magnets would be mounted in the armature which has a belt groove for power transmission. The armature is supported on ball bearings on a shaft that either screws or slides into the stator unit. Speed control and start/stop action would be achieved by the simple means of moving the armature toward and away from the stator section.

Note: To view and download Johnson's patent, visit <www.newwebmasters.com/freeenergy/index.html>.

— STAR FIRE —

THE GOLD OF THE GODS

*The Egyptian Master
Craftsmen
produced white
powder gold
through eighteen
Pharaonic dynasties
out of a secret
temple laboratory
inside a mountain
on the Sinai
Peninsula.*

Part 3 of 3

From a lecture presented by
Sir Laurence Gardner,
Kt St Gm., KCD, KT St A.

at the 1998 NEXUS Conference held in
Sydney, 25–26 July

Transcript © Sir Laurence Gardner 1998

By the 1880s, the governing establishments of Christendom were dreading the very word 'archaeologist'. And so, archaeological digs were brought under strict control, and their funding and undertakings had to be approved by newly designated authorities.

One of these, the Egypt Exploration Fund, was established in Britain in 1891, and on the very first page of its Memorandum and Articles of Association it is stated that the Fund's objective is to promote excavation work "for the purpose of elucidating or illustrating the Old Testament narrative". In short, this meant that if something was found which could be used to support the scriptural teaching, then we (the public) would be informed. Anything which did not support the Church interpretation of the Bible was not destined to see the light in the public domain.

Now we are going to take a look at one of the monumental finds from that era—a discovery about which very little is known to people at large. In fact, it is probably the most important biblical discovery ever made and it has stunning implications far beyond the discovery itself, for this is the ultimate story of the Phoenix and the Fire-stone.

Within the Book of Exodus, a significant biblical mountain is named. It sits in the extensive range of the Sinai Peninsula—the upturned triangular land-mass which lies above the Red Sea between the Gulf of Suez and the Gulf of Aqabah. In the Old Testament, the mountain is firstly called Mount Horeb, then it is called Mount Sinai, and is subsequently called Horeb again as the story progresses.

The story, of course, is that of Moses and the Israelite exodus from Egypt. This was the mountain upon which, according to Exodus, Moses saw the burning bush; the mountain where he talked with Jehovah; and the place where he received the Ten Commandments and the Tables of Testimony.

Something that we should recognise at this stage is that at the time of Moses (roughly 1350 BC) there was no mountain called Mount Sinai. There was no mountain by that name even in the days of Jesus, nor even for another 300 years. It should also be said that the Old Testament which is familiar to us today is a translation from a Hebrew text compiled only 1,000 years ago, and it is therefore a few centuries younger even than the canonical New Testament.

The mountain now generally known as Mount Sinai sits in the south of the peninsula, quite near to the bottom point of the upturned triangle. It was given its name in the 4th century AD by a mission of Greek Christian monks, 1,700 years after the time of Moses. It is now sometimes called Gebel Musa (or Mount of Moses), and a small Christian retreat, St Catherine's Monastery, still exists there. But, was this the Sinai mountain which the Bible calls Mount Horeb? Well, it transpires that it was not.

The Book of Exodus goes into some detail to explain the route taken by Moses and the Israelites from the Nile Delta land of Goshen, down across Sinai, across the wilderness regions of Shur and Paran, to the land of Midian (which is to the north of present-day Jordan). From this route it becomes very easy to identify the location of Mount Horeb. It sits a good deal north of Gebel Musa.

The word *horeb* simply means 'desert', and the great desert mountain which soars to over 2,600 feet within a high stone plateau above the Plain of Paran is today called Serâbît—or, to be more precise, Serâbît el-Khâdim (the Prominence of the Khâdim).

In the late 1890s, the British Egyptologist Sir William Flinders Petrie, a professor at the University College, London, applied to the Egypt Exploration Fund to take an expedition into Sinai. By January 1904, he and his team were in Sinai, and in March of that year they

took their expedition to the heights of Mount Serâbît.

In the following year, Petrie published the detailed results of his findings but added to his report the fact that this information would not be made available officially to the Egypt Exploration Fund subscribers; they would receive only maps and a general outline. Furthermore, Petrie explained that even though he had taken previously funded teams into Egypt, from the time of that Sinai expedition his sponsorship by the Fund had been terminated. Why? Had he perhaps broken the binding rule of the Articles by divulging something which was contrary to Bible teaching? He certainly had.

In fact, Petrie had discovered the great secret of the sacred mountain of Moses—a secret which not only made sense of the Exodus portrayals but, in so doing, blew the lid totally from their common scriptural interpretation.

What the Bible does not make clear is that Sinai was not a foreign land to the Egyptians. It was actually regarded as a part of Egypt and came under Pharaonic control. So Moses and the Israelites had not left Egypt once they were east of the Nile Delta: they were still in Egypt, having the whole Sinai Peninsula to cross before they entered the Palestinian land of Canaan.

During the time of Moses, Sinai came under the control of two Egyptian officials: the Royal Chancellor and the Royal Messenger. This was the era of Egypt's 18th Dynasty—the dynasty of the Tuthmosis and Amenhotep Pharaohs, along with Akhenaten and Tutankhamun. The Royal Messenger of those times was Neby, an official who was also the mayor and troop commander of Zaru in the Nile Delta region of Goshen where the Israelites had lived before the exodus.

The position of Royal Chancellor was hereditary in the Hyksos family of Pa-Nehas, and Panahesy of this family was the official Governor of Sinai. We know him better from the Bible as Phinehas. He became one of the first priests of the new Mosaic structure, but previously he had been the Chief Priest at Pharaoh Akhenaten's temple at Amarna.

Before we get back to Sir William Flinders Petrie, and to understand the root significance of his discovery, it is worth making a necessary distinction between the Israelites and the Hebrews of the Mosaic era. At that time they were not one and the same, as Bible teaching seems to indicate. The Hebrews were the family and descendants of Abraham, and their place of residence was, in the main, Canaan (or Palestine). The Israelites, on the other hand, were the family and descendants of one of Abraham's grandsons, Jacob, whose name was changed to Israel. It was Jacob's family alone who had moved into Egypt, and it was their descendants who eventually returned with Moses—to be reunited, after countless generations, with their fellow Hebrews.

The difference between the strains was, of course, that the Israelites had long been subjected to the laws and religions of Egypt and they knew very little about the customs of their cousins in Canaan. Through more than 400 years they had been in an environment with a whole pantheon of gods; and although they had developed a 'one god' concept within their own fraternity, that god was not the Jehovah of the Canaanite Hebrews.

The Israelites' god was a faceless entity whom they called, quite simply, the Lord. In the Israelite language he was called Adon. This is one of the reasons why the names 'Lord' and 'Jehovah'

were always separately identified in early texts, although they were brought under the wrap of the single God in later times to suit the emergent Jewish and Christian faiths. To the Egyptians, the name of this Lord (Adon) was quite similar; they called him Aten. From this derived the name of Pharaoh Akhenaten, meaning 'servant of Aten'.

So, when Moses and the Israelites made their exodus into Sinai, they arrived not as worshippers of Jehovah but of Aten; and it was for this very reason that they were given a whole new set of laws and ordinances to bring them into line with the Hebrew culture of their prospective new homeland.

When Moses and the Israelites left the Nile Delta, their obvious route to Canaan (where they were eventually headed) would have been directly across the wilderness of northern Sinai. So, why did they push southward into the difficult high country to spend some time at the Horeb mountain of Serâbît? This was a question that had long puzzled Petrie and his team.

So, what precisely did they find high on the Bible's holy mountain? Well, to begin with, they found nothing very much. But on a wide plateau near the summit there were distinct signs of ancient habitation, and some pillars and standing-stones could be seen protruding above the ground-rubble. This rubble had been deposited, little by little, by wind and landslides over some 3,000 years. But when it was finally moved away, the truth of the Bible story emerged.

Petrie wrote:

There is no other such monument which makes us regret that it is not in better preservation. The whole of it was buried, and no one had any knowledge of it until we cleared the site.

What they found was an enormous temple complex. Set within an enclosure wall was an outer temple, built over an expanse of 230 feet (approx. 70 metres). This extended outwards from an inner temple cut within a great cave in the mountainside. From

the various cartouches, carvings and inscriptions it emerged that the temple had been in use from as far back as the time of Pharaoh Sneferu, who reigned about 2600 BC and whose immediate successors are reckoned to have built the pyramids of Gizeh.

The above-ground part of the temple was constructed from sandstone quarried from the mountain and it comprised a series of adjoined halls, shrines, courts, cubicles and chambers. Of these, the key features unearthed were the main Sanctuary, the Shrine of Kings, the Portico Court, and the Hall of the goddess Hathor (to whom the whole complex was dedicated).

All around were pillars and stelae denoting the Egyptian Kings through the ages, and certain Pharaohs such as Tuthmosis III (founder of the Rosicrucian movement in Egypt) were depicted many times on standing-stones and wall reliefs.

The adjoining Cave of Hathor was carved into the natural rock, with flat inner walls that had been carefully smoothed. In the centre (from about 1820 BC) stood a large upright pillar of Pharaoh Amenemhet III, the son-in-law of Esau. Also portrayed were his Senior Chamberlain and his Seal-bearer.

Deep within the cave, Petrie found a limestone stela of Pharaoh Ramesses I—a slab upon which Ramesses (who is traditionally reckoned by Egyptologists to have been an opposer of the Aten cult) surprisingly describes himself as "The ruler of all that Aten

... it is worth making a necessary distinction between the Israelites and the Hebrews of the Mosaic era. At that time they were not one and the same, as Bible teaching seems to indicate.

embraces". Also found was an Amarna statue-head of Akhenaten's mother, Queen Tiye of Egypt, with her cartouche set in the crown.

In the courts and halls of the outer temple there were numerous stone-carved rectangular tanks and circular basins, along with a variety of curiously shaped benchtables with recessed fronts and split-level surfaces. There were also round tables, trays and saucers together with alabaster vases and containers, many of which were shaped like lotus flowers. In addition, the rooms housed a good collection of glazed plaques, cartouches, scarabs and sacred ornaments designed with spirals, diagonal squares and basketwork. There were magical wands of an unidentified hard material, and in the portico were two conical stones of about six inches and nine inches respectively in height.

The explorers were baffled enough by these finds, but they were further confounded by the discovery of a metallurgist's crucible. Ever since, Egyptologists have argued as to why crucibles would have been necessary in a temple—while at the same time debating a mysterious substance, called *mfkzt*, which seemed to be related to the crucible and the conical stones and which had dozens of mentions in wall and stela inscriptions.

Some have suggested that *mfkzt* might have been copper; many have preferred the idea of turquoise; and others have supposed it was perhaps malachite. But these are all unsubstantiated guesses and there were no traces of any of these materials at the site.

Sinai is noted for its turquoise mines, but if turquoise mining had been a primary function of the temple masters over so many centuries then one would expect to find turquoise stones in abundance within the tombs of Egypt. But such is not the case. Hardly any have been found.

Another cause of wonderment has been the innumerable inscribed references to 'bread', along with the prominent hieroglyph for 'light' found in the Shrine of the Kings.

The discovery which caused the most bewilderment, however, was the unearthing of something which was identified as the enigmatic *mfkzt* to which the 'bread' symbolism seemed to be related. Laying some inches deep in a storeroom was a considerable supply of the finest, pure white, unadulterated powder.

At the time, some suggested that the powder could be a remnant of copper smelting, but, as was quickly pointed out, smelting does not produce white powder; it leaves a dense black slag. Moreover, there was no supply of copper ore within miles of the temple, and the old smelting works were in any event apparent in the distant valleys. Others guessed that the powder was ash from the burning of plants to produce alkali, but there was no trace whatever of any plant residue.

For want of any other explanation, it was determined that the white powder and the conical stones were probably associated with some form of sacrificial rite, but again it was pointed out that this was an Egyptian temple and animal sacrifice was not an Egyptian practice. Moreover, there were no remnants whatever of bones or any other foreign matter within the *mfkzt*, which appeared for all the world like a hoard of sacred talcum powder.

Some of the mysterious powder was taken back to Britain for analysis and examination, but no results were ever published. The rest (opened to the elements after 3,000 years) was left to become a victim of the desert winds.

What has become apparent, however, is that this powder was seemingly identical to the ancient Mesopotamian fire-stone or *shem-an-na*—the substance that was made into bread-cakes and used to feed the Light-bodies of the Babylonian Kings and the Egyptian Pharaohs.

This, of course, explains the temple inscriptions denoting the importance of bread and light, and this white powder (the *shem-an-na*) was identified with the sacred *manna* that Aaron placed in the Ark of the Covenant. In Egypt, the cakes made from this powder were called '*scheffa* food', while the Israelites called them 'shewbread'.

The Book of Exodus tells us that the Master Craftsman who made the original shewbread for Moses in Sinai was Bezaleel, the son of Uri Ben Hur. But Bezaleel was not a baker; he was a noted goldsmith—the very man who made the golden accoutrements for the Tabernacle and the Ark of the Covenant. This conforms precisely with the function of the priestly Master Craftsmen in Mesopotamia. They were the great Vulcans and metallurgists of Tubal-cain, who manufactured the valuable *shem-an-na* from pure gold.

As for the crucible, the conical stones and the great array of tanks, tables and equipment which made the Sinai temple appear more like a gigantic laboratory than a church, it emerges that this is precisely what it was.

What Petrie had actually found was the alchemical workshop of Akhenaten and of the 18 dynasties of Pharaohs before him—a temple-laboratory where the furnace would have roared and smoked in the production of the sacred fire-stone of the high-spin *shem-an-na*.

Quite suddenly, the words of Exodus begin to make sense as we read them again with a wholly new insight:

And Mount Sinai was altogether on a smoke because the Lord descended upon it in fire, and the smoke thereof ascended as the smoke of a furnace, and the whole mount quaked greatly.

In Exodus we read that Moses took the golden calf which the Israelites had made, and then burnt it in the fire and ground it to a white powder. This is precisely the process of a *shem-an-na* furnace, and it is evident that the Egyptian priests of the goddess Hathor had been working their fire for countless generations before the priests of Aten became involved in the time of Moses.

It was in fact Pharaoh Tuthmosis III who had reorganised the ancient mystery-schools of Thoth and founded the Royal School of the Master Craftsmen at Karnak. They were called the Great White Brotherhood because of their preoccupation with a mysterious white powder. A branch of this fraternity became especially concerned with medicines and healing, and they became known as the Egyptian Therapeutate. In much later times, the Therapeutate extended its activities into Palestine, especially into the Judah settlement of Qumran where they flourished as the Essenes.

But what was so special about the goddess Hathor? Why was she the chosen deity of the Sinai priests? Hathor was a paramount nursing goddess, and as the daughter of Ra she was said to have given birth to the Sun. She was the originally defined Queen of the West and Mistress of the Netherworld—to where she was said to carry those who knew the right spells. She was the revered protectress of womanhood, the Lady of the Sycamore and the goddess of love, tombs and song. And it was from the milk of

Laying some inches deep in a storeroom was a considerable supply of the finest, pure white, unadulterated powder.

Hathor that the Pharaohs were said to gain their divinity, becoming gods in their own right.

On one of the rock tablets near to the Mount Serâbit cave entrance is a representation of Tuthmosis IV in the presence of Hathor. Before him are two offering-stands topped with lotus flowers, and behind him is a man bearing a conical cake of white bread. Another relief details the mason Ankhib offering two conical bread-cakes of *shem-an-na* to the king, and there are similar portrayals elsewhere in the temple complex. One of the most significant perhaps is a depiction of Hathor and Amenhotep III. The goddess holds a necklace in one hand, while offering the emblem of life and dominion to the Pharaoh with the other. Behind her is the treasurer Sobekhotep, who holds in readiness a conical cake of white bread. Sobekhotep is described as the "Overseer of the Secrets of the House of Gold, who brought the noble and precious stone to His Majesty".

I mentioned earlier that, upon coming out of Egypt into Sinai *en route* to Canaan, the Israelites would have expected to be made familiar with the laws and ordinances of their new homeland. However, although this appears to have been partially the case, the situation was largely reversed on the religious front, with the Egyptian customs being introduced to the native Hebrews.

It was upon the mountain at Sinai that Jehovah first announced his presence to Moses. Being an Aten supporter, Moses asked this new lord and master who he was, and the reply was "I am that I am", which in phonetic Hebrew became 'Jehovah'. However, for the longest time afterwards, the Israelites were not allowed to utter the name Jehovah—with the exception of the High Priest who was allowed to whisper the name in private once a year. The problem was that prayers were supposed to be said to this new godhead—but how would he know the prayers were said to him if his name was not mentioned?

The Israelites knew that Jehovah was not the same as Aten (their traditional Adon or Lord), and so they presumed he must be the equivalent of the great State-god of Egypt, even if not one and the same. It was decided, therefore, to add the name of that State-god to all prayers thereafter, and the name of that god was Amen. To this day, the name of Amen is still recited at the end of prayers. Even the well-known Christian Lord's Prayer (as given

in the Gospel of Matthew) was transposed from an Egyptian original which began, "Amen, Amen, who art in heaven..."

As for the famous Ten Commandments (said to have been conveyed to Moses by God upon the mountain), these too are of Egyptian origin and they derive directly from Spell Number 125 in the Egyptian *Book of the Dead*. They were not new codes of conduct invented for the Israelites, but were simply newly stated versions of the ritual confessions of the Pharaohs. For example, the confession "I have not killed" was translated to the decree "Thou shalt not kill"; "I have not stolen" became "Thou shalt not steal"; "I have not told lies" became "Thou shalt not bear false witness"; and so on.

Not only were the Ten Commandments drawn from Egyptian ritual, but so too were the Psalms reworked from Egyptian hymns (though they are attributed to King David). Even the Old Testament Book of Proverbs—the so-called Wise Words of Solomon—was translated almost verbatim into Hebrew from the writings of an Egyptian sage called Amenemope. These are now held at the British Museum, and verse after verse of the Book of Proverbs can be attributed to this Egyptian original. It has now been discovered that even the writings of Amenemope were extracted from a far older work called *The Wisdom of Ptah-hotep*, which comes from more than 2,000 years before the time of Solomon.

In addition to the *Book of the Dead* and the ancient *Wisdom of Ptah-hotep*, various other Egyptian texts were used in compiling the Old Testament. These include the *Pyramid Texts* and the *Coffin Texts*, from which references to the Egyptian gods were simply transposed to relate to the Hebrew god Jehovah.

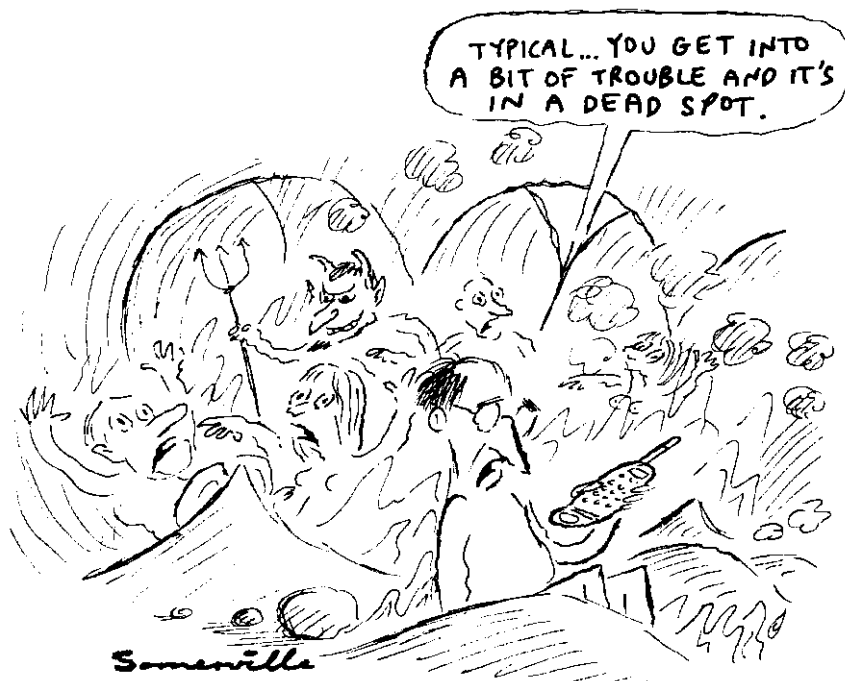
In *Bloodline of the Holy Grail* I made the point that the modern style of Christianity, which evolved from the Roman Church in the 4th century AD, was actually a created 'hybrid'—a religion based on themes from numerous others, including, of course, Judaism.

Now it transpires that Judaism itself was no less of a hybrid in the early days, being a composite of Egyptian, Canaanite and Mesopotamian traditions, with the stories, hymns, prayers and rituals of the various and sundry gods brought together and related to a newly contrived 'One God' concept.

What is particularly interesting is that, historically, this was not fully contrived in the time of Abraham, nor even in the later time of Moses. It did not happen until the 6th century BC, when tens of thousands of Israelites were held captive by King Nebuchadnezzar of Babylon. Until that time, the Hebrew and Israelite records referred to any number of gods and goddesses by individual names, and under a general plural classification of 'the Elohim'.

Through some 500 years from the captivity, the scriptures existed only as a series of quite separate writings, and it was not until after the time of Jesus that these were collated into a single volume. Jesus himself would never have heard of the Old Testament or the Bible, but the scriptures to which he had access included many books that were not selected for the compilation that we know today.

Strangely, though, some of these books are still mentioned in the modern Bible text as being important to the original culture. They include the Book of the Lord, the Book of the Wars of



Jehovah, and the Book of Jasher. Why were they not included? Quite simply because their content did not suit the new Jehovah-based religion that was being created. Jasher, for example, was the Egyptian-born son of Caleb; the brother-in-law to the first Israelite judge Othneil; and the appointed royal staff-bearer to Moses. It is generally reckoned that the Book of Jasher's position in the Bible should be between the books of Deuteronomy and Joshua, but it was sidestepped by the editors because it sheds a very different light on the sequence of events at Mount Horeb in Sinai.

The familiar Exodus account explains that Jehovah issued instructions to Moses concerning masters and servants, covetousness, neighbourly behaviour, crime, marriage, morality and many other issues including the all-important rule of the Sabbath, along with the Ten Commandments.

But, in Jasher (which pre-dates the Exodus writings), these laws and ordinances are not conveyed to Moses by Jehovah. In fact, Jehovah is not mentioned at all. The new laws, says the Book of Jasher, were communicated to Moses and the Israelites by Jethro, High Priest of Midian and Lord of the Mountain. In effect, Jethro was the overall governor of the Sinai temple.

In Hebrew, the title Lord (or Lofty One) of the Mountain was translated as El Shaddai, and this is particularly significant for that was precisely the name related to Moses when he asked the Lord to reveal his identity. The Lord said: "I am that I am. I am he that Abraham called El Shaddai." "I am that I am" eventually became transposed to the name Jehovah, but, as related in Jasher (and as confirmed in Exodus when correctly read), this Lord was not a deiform god at all. He was Jethro the El Shaddai, the great vulcan and Master Craftsman of the Hathor temple.

Apart from the fact that we are taught about certain aspects of the Bible text, I think it is fair to say that not too many of us actually study the books ourselves. As a result of this, our perceived images are generally those conjured by picture-books and films. Hollywood, of course, has done us proud with its portrayals of Moses on the mountain and God blasting the words of the Ten Commandments onto two great, barely portable, granite slabs. In Exodus, however, there is no such depiction, and the Commandments are said to have been written down by Moses himself (at the dictation of the Lord) after he had broken the first tablets that he was given.

As for the other part of the Sinai package, the Tables of Testimony, these are stated in the teachings of the Kabbala and the Midrash to have been held within a sacred gemstone which Moses placed "in the palm of his hand". This was the same Divine Stone of Wisdom said to have been inherited by King Solomon. In the earlier texts of Egypt it was called the 'Tablet of Hermes', which embodied the wisdom of Thoth.

According to the records of the ancient Dragon Court of Egypt (founded by Queen Sobeknefru in 1785 BC), an early guardian of the Table was Chem, the High Priest of Mendes. The word *chem* (or *khame*) means 'blackness', and from this root word derived the word 'alchemy'—the science of extracting light from the blackness. To us, Chem is perhaps better known as the biblical Ham, the grandfather of Nimrod, whose

family was cursed by the Hebrews because his historical tradition was in conflict with the emergent Jehovah-based culture.

Readers of Gothic novels and books about sorcery will, of course, recognise the name Chem of Mendes. He is often symbolised by a goat, which was precisely the emblem of Ham in ancient Egypt. The only difference is that in latter-day Christian lore the goat is meant to be symbolic of the Devil. What we now discover, however, is that by following the story of Chem of Mendes we are led directly to the Sinai temple and to the white powder of gold.

Mendes was a major city of the Egyptian Delta, and Chem was the temple's designated Archon of the 10th Age of Capricorn. It was in this Capricorn regard that his symbol was a goat, generally depicted by an inverted pentagram. This five-pointed star has two uppermost points, which are the horns of the Goat of Mendes. The two downward-sloping side points represent the ears, and the single base-point is the chin and beard.

When a pentagram is seen in this inverted position, it is regarded as a male emblem, but the pentagram star is, of course, a female device (a Venus symbol) and is usually shown with the single point uppermost.

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In the pentagram's male position, Chem is personally identified by an emerald jewel set centrally at the meeting of the horns. When turned about, the pentagram achieves its female status with the uppermost single point becoming the head of the goddess. The side points are now arms, while the twin points (once the horns) are now at the base, being the legs of the goddess, with the emerald jewel of Venus established in the vulval position.

Sometimes the inverted pentagram of Chem is shown with flames rising from the sacred jewel between the

horns. These flames are traditionally referred to as Astral Light. But when reversed into the Venus position, the uterine flames are identified as Star Fire, the lunar essence of the goddess.

From the earliest times, whether representing Astral Light or Star Fire, the pentagram was indicative of enlightenment. It was associated with the pre-Jewish Sabbath—a ritualistic period of reflection and experience outside of general toil. For this reason, Chem of Mendes was called the Sabbatical Goat—from which derived today's use of the word 'sabbatical' in academic circles.

In view of this age-old tradition, it is hardly surprising that the pentagram and Sabbatical Goat became associated with heterodox Christians (like the Cathars of Languedoc) from medieval times. In contrast, the orthodox Christian Church endeavoured to overawe the old wisdom of the mystery schools by creating a hybrid religion based upon salvation from the unknown—a salvation that was only attained through people's subjugation to the authority of the bishops. As an outcome, the spiritually based doctrines of the Gnostic movement (which sought to 'discover' the unknown) were declared blasphemous by the Inquisition, while the pentagram and the goat were denounced as symbols of black magic and witchcraft.

From those times (even to the present day in some circles), personal attainment and learning which does not conform to the bishops' opinions has been considered heretical. And individually acquired wisdom became so feared that the Goat of Mendes has been decried as the epitome of the Devil himself. This is manifest

in a wealth of trashy propagandist novels (by Dennis Wheatley and others) wherein crucifixes and holy water abound as the weapons used against the so-called emissary of Satan.

Ham (or Chem) is given in the Old Testament as a son of Noah, but in the oldest records he is correctly identified (along with Japhet) as being a son of the great Vulcan and goldsmith Tubalcain who is better known to historians as King Meskalam-dug, the Hero of the Good Land.

In the early lore of Palestine, Chem was synonymous with a certain Azazel of Capricorn who (according to the Book of Enoch) made known to men "all the metals, and the art of working them, and the use of antimony". Antimony is the black element otherwise known as 'stibium'. This is an essential ingredient of the preparatory alchemical process when producing the Philosophers' Stone. In the ancient Arab world, antimony was called *kohl*, from which derives the word 'coal', meaning 'that which is black'. The related word 'alcohol' stems from the Arabic *al-kohul*—the highly refined 'philosophical mercury' prepared from spirits of wine rectified over antimony.

Azazel of Capricorn actually appears in the Bible, but not in the authorised English-language translation. In the Vulgate Book of Leviticus there is an early reference to the custom of Atonement, and it states that Aaron shall cast lots upon two goats, "one for the Lord, and the other for Azazel". That which fell to the lot of the Lord was to be sacrificed as a 'sin offering', and the other was to be sent into the wilderness as an 'atonement'.

The more familiar English translation is somewhat confusing, for the name Azazel has been supplanted by the word 'scapegoat'. The reason for the substitution was simply that the original sequence made it quite clear that Hebrew offerings were made both to Jehovah and to Chem-Azazel, while the Book of Enoch (which was excluded from the Old Testament) drew readers' attention to the direct link between Azazel and hermetic alchemy.

In the tradition of the Rosicrucian mystery schools, the writings of Chem (the *Tabula Smaragdina Hermetis*) were recorded as "The most ancient monument of the Chaldeans concerning the Philosophers' Stone". Being associated with the wisdom of Thoth (or Hermes), they were defined as hermetic teachings, and they were directly linked to the fire alchemy of pyramid construction.

The very name Hermes derives from the word *herma*, which means 'a pile of stones', and the Great Pyramid was called the Sanctuary of Thoth. The word *pyr*, from which derive 'pyro-', 'pyre' and 'pyramid', actually means 'fire'—and the pyramids were so called because they were 'fire-begotten'.

This leads us to one of the great unanswered questions: How did they build the pyramids? Were the thousands of massive blocks raised to great heights with such accuracy by hundreds of thousands of slaves using nothing but ropes and ramps over an undefined period of time, as is the common speculation? Certainly not. To construct an inclined plane to the top of the Great Pyramid at a gradient of 1:10 would have required a ramp 4,800 feet (approx. 1,463 metres) long, with a volume three times greater than that of the Pyramid itself.

As we saw earlier, the powder of the highward fire-stone is a

monatomic superconductor. It is exotic matter with a gravitational attraction of less than zero. Recent experiments with this amazing white powder of gold have proven that, under certain conditions, the substance can weigh less than nothing and can be made to disappear into an unknown dimension. The most interesting quality of the powder, however, is that it rides upon the Earth's magnetic field, so that when it is in a zero-gravity state it is capable of transposing its own weightlessness to its host, thereby facilitating levitational powers. This host might be a laboratory pan, a container, or a table—or it could just as easily be an enormous block of stone!

The age-old tradition relates that in the secret repository of the King's Chamber within the Great Pyramid the builders had placed "instruments of iron, and arms which rust not, and glass which might be bended and yet not broken, and strange spells". But what did the first explorers find, having tunnelled their way into the sealed chamber? The only furniture was a lidless, hollowed stone coffer, and it contained not a body but a layer of a mysterious powdery substance. This has been superficially determined to be grains of feldspar and mica, which are both minerals of the aluminium silicate group.

During the course of the recent white powder research, aluminium and silica were two of the constituent elements revealed by conventional analysis of a granular sample that was known to be a 100 per cent platinum-group compound.

Standard laboratory testing is done by striking a sample with a DC arc for 15 seconds at a Sun-surface heat of 5,500° Centigrade. However, with the white powder, a continuation of the burn-time way beyond the normal testing procedure revealed the noble platinum metals of which the sub-

stance truly consisted.

It is because of the limitations placed on the conventional testing sequence that five per cent by dry weight of our brain tissue is said to be carbon, whereas more rigorous analysis reveals it as the platinum metals iridium and rhodium in the high-spin state.

The King's Chamber was, in fact, contrived as a superconductor, capable of transporting the Pharaoh into another dimension of space-time. And it was here that the Pharaoh's Rite of Passage was administered in accordance with the *Book of the Dead*.

The key to this Rite of Passage is defined by a single conical inscription near the entrance to the Chamber. This hieroglyphic symbol—the only verifiable hieroglyph on the whole of the Gizeh Plateau, and the very same as appeared many times at the Sinai mountain temple—reads, quite simply, 'bread'.

In the context of this talk, we have stepped beyond the bounds of the Bible to witness the alchemical and scientific process which facilitated the genesis of the Grail Kings. This line of succession from Cain, through Egypt to King David and onward to Jesus, was purpose-bred to be the earthly Purveyors of the Light. They were the true Sons of the Gods, who were fed firstly on Anunnaki Star Fire from about 3800 BC and, subsequently, on 'high-spin' metal supplements from about 2000 BC. In short, they were bred to be leaders of humankind, and they were both mentally and physically maintained in the 'highward' state: the ultimate

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DECLASSIFIED DOCUMENTS CONFIRM RECOVERY OF ALIEN CRAFT AND BODIES?

The following press release and news reports discuss documents which refer to the recovery of crashed extraterrestrial craft and bodies from New Mexico in 1947, as well as to the establishment of the shadowy Majestic-12 Group to manage UFO/ET retrievals. A small portion of one of these documents is reproduced here. As for their authenticity, the debate is still ongoing! — Editor

1. **PRESS RELEASE**, 30 November 1998, from Joseph P. Firmage, ISSO

Stunning TOP SECRET Military Documents published on Internet reveal Recovery of Extraterrestrial Vehicles and Bodies during Truman Administration

Santa Clara, CA, 30 November 1998 — Documents have been released as part of a larger book titled *The Truth* (available at www.TheWordIsTruth.org), placing these events in context and providing summary of two-year authentication effort.

These Top Secret documents dramatically expand upon previously leaked materials concerning the recovery of extraterrestrial spacecraft and occupants in 1947.

"The information contained in these documents is astounding," said Joseph P. Firmage, editor and co-author of the book, and the founder and chairman of the International Space Sciences Organization (its sponsor) as well as a prominent technology executive in Silicon Valley,

California.

Clear copies of the documents are being forwarded to major US news media organizations during the week of 30 November 1998.

Following a two-year authentication effort that continues today, experts in the field have concluded that the bulk of the documentation is genuine.

"It is now absolutely clear that one or more crashed vehicles were recovered by the military of the United States Government in 1947. It is certain that these vehicles were not manufactured by any contemporaneous government. Scientists and the media who reject this claim, particularly in the face of this most recent evidence, are ignoring the single most important event to confront humanity in perhaps 2,000 years," added Firmage.

The document authentication effort has been led by Dr Robert M. Wood, PhD, a respected physicist and former senior engineering manager for McDonnell Douglas.

Among the more remarkable facts disclosed in the documents are the following:

1. The spacecraft employ propellantless propulsion, clearly indicating some form of gravitational propulsion technology;
2. Several life-forms were recovered among the debris; autopsies were conducted;
3. Dr Vannevar Bush became Chairman of an operation called "Majestic Twelve", charged with managing the recovery and ongoing analysis of the materials;
4. Raw technological material recovered was subsequently studied, some of which was "seeded" into private industry, yielding advances in now-common microcircuitry,

fibre optics, materials sciences and other applications

5. Research programs were launched in rocketry, electronics, biological warfare and advanced propulsion;

6. A security infrastructure more impenetrable than any in world history was put in place, in part through the establishment of the National Security Act of 1947. Through various intelligence vehicles, a program for "control of the press" was instituted, ensuring that leaks were closed and any open scientific investigation discredited

The book containing the released documents, called *The Truth*, places the phenomenon of extraterrestrial visitation in its appropriate historical context.

"The plausibility of many seminal religious events recounted in world history is dramatically reaffirmed by the reality of this phenomenon. Based upon private information available to the authors but not yet in print, I stand firmly behind the essential structure of the astonishing hypothesis contained in this work," stated Mr Firmage.

"I again call upon the President and Congress of the United States of America to waive oaths of secrecy for all civilian and military personnel concerning the historical events presented within documentary finds published for the first time in this book. This is the only way to finally bring an end to a fifty-year program of concealment. The truth must be told for the benefit of our children, before all remaining eyewitness testimony expires.

"In view of the implications of this hypothesis, I can well appreciate and understand the genuine motivations of

those who contained the knowledge brought to light today. But for the first time in 50 years, society is now ready to hear the rest of the story, and the urgency of an organizing motive for the world has never been greater," continued Firmage.

(The International Space Sciences Organization can be reached at 1556 Halford Avenue, Suite 110, Santa Clara, CA 95051, USA; telephone (408) 395 4378. Joseph Firmage's online "book", called *The Truth*, can be found at his website, <www.TheWordIsTruth.org>.)

2. NEWS REPORT, 16 November 1998, from CNI News (vol. 4, no. 18, part 2), e-mail CNINews1@aol.com

New Documents said to Support MJ-12 Claims

Analysis of some 40 documents comprising 125 pages of information may prove the existence and function of a super-secret government agency known in UFO research circles as "Majestic-12". That is the opinion of Dr Robert Wood and Ryan Wood, a California-based, father-and-son research team engaged in a detailed study of the controversial documents.

In 1987, the world first learned of the so-called Eisenhower Briefing Document. Dated 18 November 1952, the sensational

eight-page document purports to introduce then President-elect Eisenhower to a shadowy organisation called the "Majestic-12 (Majic-12) Group" (also often referred to as "MJ-12") which had been created by President Truman in 1947 in response to one or more UFO crash recoveries in New Mexico. It was MJ-12's alleged purpose to manage, contain and if possible exploit the discovery of alien technology and EBES—extraterrestrial biological entities.

In the decade since the first public revelations of MJ-12, many researchers have studied the controversial Eisenhower Briefing Document, seeking clues to its origin and possible authenticity. The US Air Force, Government Accounting Office and FBI have declared it "bogus". A number of leading Roswell researchers have likewise cast doubt on the document's authenticity. Needless to say, most mainstream commentators have dismissed it as a hoax.

However, noted UFO researcher Stanton Friedman, after a thorough investigation of the document, declared that it is very likely authentic. He has staunchly defended that opinion, against much opposition, since publication of his *Final Report on Operation Majestic 12* in 1990. Now it appears that, at the very least, Friedman has some strong new allies in the MJ-12 controversy. It may even turn out that proof of

the reality of MJ-12 is at hand.

On 11 October 1998, at a UFO conference in New Haven, Connecticut, sponsored by John White and Omega Communications, Dr Robert Wood and Ryan Wood made a detailed presentation of some of their findings. Dr Wood began by explaining that, although half of the documents under study are marked Top Secret, it is legal for a civilian to have them, as long as they were

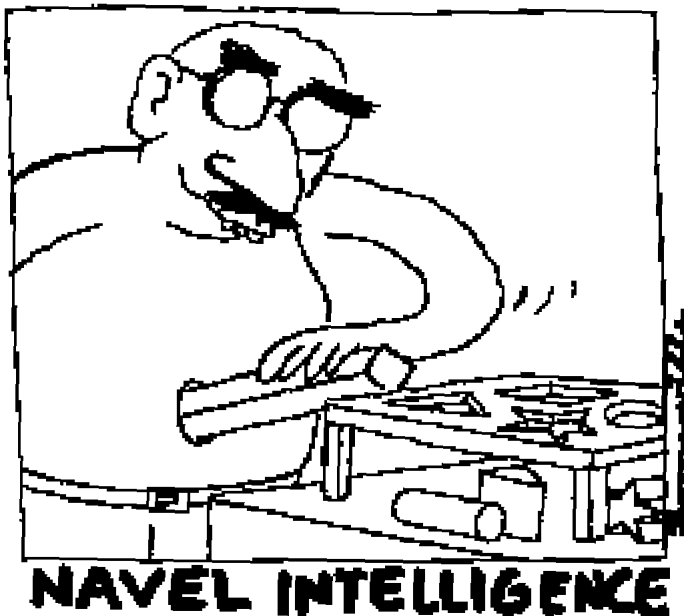
not acquired by theft, coercion or bribery. He then explained that the source of most of the newly acquired documents is another California-based researcher named Timothy Cooper.

Cooper has become expert in using the Freedom of Information Act to acquire UFO-related documents. However, most of the documents pertaining to MJ-12 were apparently given to him in 1992 by a secretive person known only as "Cantwheel", who has since passed away. The Cantwheel documents were sent by Cooper to a number of leading researchers who are now cooperating with Dr Robert Wood and Ryan Wood in analysing their content and authenticity. It may never be known who Cantwheel really was or why he might have acquired the documents. But, according to the Woods, that is only a minor impediment to their research.

With 125 pages of never-before-seen documents to study, they can apply widely accepted techniques of forensic analysis to prove or disprove authenticity, even if the original source of the documents is in doubt. Those techniques include palaeography—the study of typeface, writing style, code marks and insignia on the paper, and so forth.

Palaeography alone can go a long way toward demonstrating a document's probable authenticity, because a hoaxer must be extremely well informed and capable of exactly reproducing very obscure details in a purported mid-century, Top Secret document, or it will be easily seen as a hoax. So far, the Woods say, the palaeographic accuracy of the documents in question is enormously impressive.

Another analytic technique involves internal chronology. If, for example, a document mentions that a certain government official was in a certain location on a certain day, it is possible to check in the historical archives, including personal logs and journals kept by that official, to see if there is any discrepancy in authenticated papers that would point to hoax in the document under scrutiny. Even one clear discontinuity—for example, if the national archives showed a certain General attending a meeting in Europe on a day when a questioned document had that same General in New Mexico—could be sufficient to debunk the document. Again, however, extensive analysis of this kind has not turned up any out-of-place chronology in the Woods' documents.



Occasionally there are 'zingers'—small but surprising features of a document that could hardly be an intentional artifact of hoaxing. One such zinger in several of the documents is that in lines of text, every 'z' is slightly elevated above the other letters. It turns out that this raised 'z' can be found in a number of non-controversial, authenticated documents printed by the Government Printing Office (GPO) the same year as the purported Top Secret documents. The raised 'z' is an imperfection characteristic of the hot lead type used by the GPO at that time. Its appearance in the controversial documents is a zinger that supports a verdict of authenticity.

As with the original Eisenhower Briefing Document, such intense analysis of the new documents is critical because of what they say. If these documents are authentic, they establish a years-long program of official UFO study by Majestic-12 and related clandestine groups. These documents demonstrate that the original Eisenhower document was not a one-time clever hoax, but part of a mass of official documentation, so detailed and so interlocking in its implications that a hoax is almost out of the question.

The content of the newly revealed documents is remarkable. One Top Secret item, Field Order 862, issued by Truman's Office of the Assistant Chief of Staff, orders personnel from the Interplanetary Phenomenon Unit (IPU) to proceed immediately to New Mexico to investigate an incident taking place in early July 1947.

The IPU, in a seven-page document dated 22 July 1947, then reports back on preliminary findings. That report, subtitled "The extraordinary recovery of fallen airborne objects in the state of New Mexico, between 4 July – 6 July 1947", details the location of a downed, unusual aircraft and tells where various pieces of wreckage were sent. It notes that four technicians on the site became gravely ill and three died of profuse bleeding. It also notes that one MP committed suicide. It states that terrestrial animal remains were found in the wreckage.

And, in a remarkable zinger, the document notes that the then newly elected Massachusetts Congressman John F. Kennedy was to be briefed because of his position in Naval Intelligence. The Woods point out that most biographies of JFK do

not mention his wartime service in Naval Intelligence; yet it turns out he did indeed have an intelligence background.

Another document, dated 8 July 1947, directs Lt General Nathan Twining to go to the White Sands Proving Ground Command Center to make "an appraisal of the reported unidentified objects being kept there". Twining then sends back an Air Accident Report. In three pages he describes the inside of a crashed UFO, paying special attention to "possibly atomic" engines. Twining says the craft was "doughnut shaped" and 35 feet in diameter.

Yet another document, dated 24 September 1947 (?) and running to 18 pages, is a "MISSION ASSESSMENT OF RECOVERED LENTICULAR AERODYNE OBJECTS...", from which comes a strange acronym, "ULAT"—used there-

... newly elected Massachusetts Congressman John F. Kennedy was to be briefed [on Roswell] because of his position in Naval Intelligence.

after to refer to alien spacecraft. This document notes that "ULAT-1" was recovered, along with several bodies, at a location southeast of Socorro, New Mexico. The document then analyses implications of the recovery, including technical evolution, political considerations, scientific probabilities and national security issues. It describes a so-called "neutronic power plant". It notes, under political considerations, that release of this information could have adverse financial effects because of negative impact upon the energy industry. It also notes that prevailing beliefs regarding world history and religion would be hard hit. At the end of the document—in a note that sounds all too plausible—it requests additional funding to continue work on the crash recovery.

The longest of the new documents is the "MAJESTIC-12 GROUP SPECIAL OPERATIONS MANUAL" ("SOM1-01"), subtitled "Extraterrestrial Entities and Technology, Recovery and Disposal" and

dated April 1954. A discussion of this document has already been published by Stanton Friedman in his book, *TOP SECRET/MAJIC* (Marlowe, 1996).

Like the original Eisenhower Briefing Document, SOM1-01 first came to light as an undeveloped roll of film, mailed to Don Berliner of the Fund for UFO Research. On developing the film, Berliner found a 32-page document that outlines exactly what its title implies: a 'how-to' manual for field personnel engaged in cleaning up alien crashes. This is one of the documents in which the raised 'z' appears. It describes several kinds of spacecraft—including discs, cigar shapes and triangles—with diagrams, and two kinds of EBes. It then details procedures for handling, packing and dispatching recovered ET artifacts and bodies, including items recovered from foreign countries.

Despite years of growing public belief in an official UFO cover-up and recovered alien technology, documentary evidence of such things can still stagger the mind. It is to the Woods' great credit that they have undertaken this investigation with scepticism and sobriety, working quietly out of the public eye. They have already devoted over three years of intense effort to their study, and only now have begun to divulge a sample of their findings. They recognise that final proof of authenticity is not yet at hand, but they also see that every test they have applied to these documents supports a verdict of authenticity.

If their efforts continue to produce that result, it will not be long before they can demonstrate, beyond reasonable doubt, that MJ-12 is real—and with it, the reality of crashed alien spacecraft and all that implies.

3. NEWS REPORT, 16 December 1998, from CNI News (vol. 4, no. 20, part 1), e-mail CNINews1@aol.com

Controversy Rages over New MJ-12 Documents

It was bound to happen. No sooner did new documents related to the long-running MJ-12 controversy appear on the Internet than voices from every quarter of the compass started arguing over whether, and how, those documents might be fraudulent.

The new documents first appeared on the web on 25 November 1998, when they were posted as part of Joseph Firmage's online "book", called *The Truth*. Firmage had arranged with California researchers Robert and Ryan Wood to post the documents, which the Woods had been quietly studying for several years.

In short order, intense criticism focused on a few details which seemed to be out of place in documents purporting to come from the early 1950s. Among those details, one that strikes many people as most damning is a reference to "retrovirus" in a document titled "Majestic Twelve Project 1st Annual Report", allegedly dating from 1952. The term "retrovirus" (without hyphen) is not known in medical literature prior to the mid-1970s.

Ryan Wood, co-author with his father Dr Robert Wood of a forthcoming book on the documents, has carried on a running public dialogue with several other researchers regarding the apparent problems in the documents. Regarding the term "retro-virus", Wood has mounted a vigorous defence, including an exhaustive document-search at the Stanford University medical library, which is still underway at this time of writing. Wood has discovered similar terms such as "retrograde organism", "host-virus" and "serum-virus" in the open medical literature of the 1940s and 1950s. So far, however, he has not demonstrated any use of the term "retro-virus" in authenticated literature of the period.

Regarding SOM1-01, Ryan Wood writes:

"After careful study, Wood & Wood can credibly defend each of these points:

- 1) It was printed in 1954 with a hot lead printing press;
- 2) It has valid Technical Order nomenclature, not discussed yet;
- 3) Pages 22–25 drop in perfectly from declassified, known, authentic FOIA sources;
- 4) Period monotype printing press, modern type font;
- 5) It rigorously follows 1953 USPO Style Manual;
- 6) It passes computerized faking tests, font, justification algorithm, ligatures, laser printing...;
- 8) Soon-to-be-on-the-record witness testimony identifies this document and others as being shredded in an admiral's office."

4. **EXTRACT** from declassified MAJIC document, c.1952. Note that spelling, grammar and punctuation are unedited. This and the other documents referred to are available at <www.artbell.com>.

MAJESTIC TWELVE PROJECT 1st Annual Report A-1762.1-J1

A REVIEW OF THE PRESIDENT'S SPECIAL PANEL TO INVESTIGATE THE CAPTURE OF UNIDENTIFIED PLANFORM SPACE VEHICLES BY U.S. ARMED FORCES AND AGENCIES

The new documents first appeared on the web on 25 November 1998, when they were posted as part of Joseph Firmage's online "book", called *The Truth*.

III. CONCLUSIONS

1. Current studies of other-world visitation are in three phases:
 - a. Technology exploitation
 - b. Interplanetary travel
 - c. Cultural communication
2. On 19 September 1947, the IAC, JIOA, and the JIC, reviewed a Top Secret intelligence report titled REPORT TO THE PRESIDENT, 1947, PARTS 1-V, MAJIC EYES ONLY, DTG 000190947, the report mentions: "In compliance with your directive ... of 9 July 1947, the attached "REPORT ON FLYING SAUCERS" is respectfully submitted. In consonance with your instructions, advisors from State, Treasury, War and Navy Departments assisted me on a two month exploratory mission concerning the reality of other-world visitation. The principle [*sic*] investigators and storage areas were visited. Successful efforts were made to reach scientists of all levels as measured by their work in classified defense projects.

Conferences were held with national security officials and leaders of private industry. Approximately 1,200 memoranda and intelligence reports were considered. The report presents this situation against a global background my estimates, current and projected, in both the U.S., and allied countries, and recommendations deemed to be sound courses of action for formulating plans and policies in light of recent developments.

3. All efforts have been made to identify the country or private concern which could have the technical and financial resources necessary to produce such a long-range flight. So far, no country on this earth has the means and the security of its resources to produce such.

4. A consensus reached by members of the panel, that until positive proof that the Russians did not attempt a series of reconnaissance flights over our most secure installations—the sightings and recovered objects are interpalnetary [*sic*] in nature.

5. The occupants of these planform vehicles are, in most respects, human or human-like. Autopsies, so far indicate, that these beings share the same biological needs as humans.

IV. DISCUSSION

A. Nature of the Investigation

An analysis has been made of the first one-hundred intelligence reports in the ATIC Interrogation Reports and the ULATT EXPLOITATION-MAJESTIC SERIES 1–25, prepared by Military Intelligence Section of GHC/IPU, in order to establish what material of flying saucer intelligence value concerning the ULATT [*sic*] is available in these reports.

1. The ATIC Interrogation Reports, numbered 1 to 93 (the last dated December, 1950), present significant information on a broad variety of subjects and areas where witnesses were detained subsequent to the post-1947 incident. The unpublished documents consolidate records of interrogation derived from the accumulated reports on interviews of selected witnesses from New Mexico and military personnel involved in removal of evidence.

2. In this digest, primary attention has been paid to information of bio-medical intelligence interest, particularly in the BW programs. Bio-medical intelligence is only one of the substantive fields covered by these Interrogation Reports.

3. For the most part, the sources interrogated were not trained observers, and their stories indicate they have been subject to the familiar pitfalls common to all eyewitnesses. It must be emphasized that, because the interrogators used were not always specialists in this phenomena of celestial sciences, there is much lack of detail.

4. Because of the unique nature of the material under study, a multi-layered security structure has been in effect. Most of the results have been given to private research and development labs for further study.

5. MAJESTIC SS&P are currently focussed on Psy-Op development for Cold War GI activities.

6. Utilization of Paperclip specialists has yielded valuable results in new weapons research in areas of flight dynamics, biological and chemical agents, mind control, and intelligence gathering techniques.

B. Panel's Contribution to MAJESTIC

1. The contribution of the President's Special Panel to the MAJESTIC TWELVE PROJECT has supplemented information on the ULATT Program which could not be obtained in any other way. Although only a small part of the project, interrogation in technical and bio-medical field has produced at least 8,973 items for the files of Military Intelligence, GHC/IPU. Of these items, 1,764 have been published (up to December, 1950) in the ULATT EXPLOITATION-MAJESTIC SERIES. The coverage of the New Mexico incidents, from the over-all intelligence point of view, has been very good.

(After the Panel's review was initiated, GHC/IPU published in March 1951, two summary "MAJESTIC SERIES," No. 98 and No. 99, of the series titled "New Medical Facilities for Biological Warfare; New Genetic and Pharmaceutical Development Programs." These summary reports have apparently made of much of the AEC file material since 6,014 items are now reported as published in "Medical Items" in the "Interrogation Reports" – see MAJESTIC SERIES, No. 98, page 1.)

2. For the clarification of

published reports or for elaboration of the information of fragmentary nature, resort may be had to the AEC files of unpublished data as well as to the possibility of reinterrogating the sources.

C. Review of the Military Assessment

With current deployment obligations, troop commitments, and few air groups with stand-by fighters with radar capability, the Joint Chiefs are unable at the present time, to effect a complete and all-encompassing defense plan that would guarantee the protection and well-functioning of the national political order. Personnel, material, and logistical requirements for such a defense would deplete current resources. If such a crisis should occur [*sic*]-in government failure to defend and assure the public's trust, it is the belief of the Joint Chiefs, that the following would issue: insecurity and mistrust; employment of subversive agents; infiltration; incitement of disorder and chaos to disrupt normal economy and undermine popular support of government and its leaders; seizure of authority without reference to will of the people.

D. Technology

At present, the ability to reconstruct the technology that may be eons ahead of us, the boost to our current efforts would be incalculable. Areas such as aircraft and missile design would benefit only after a working understanding has been achieved. Weapons sciences will follow.

E. Nuclear Weapons Development

Miniturization [*sic*] of atomic bomb

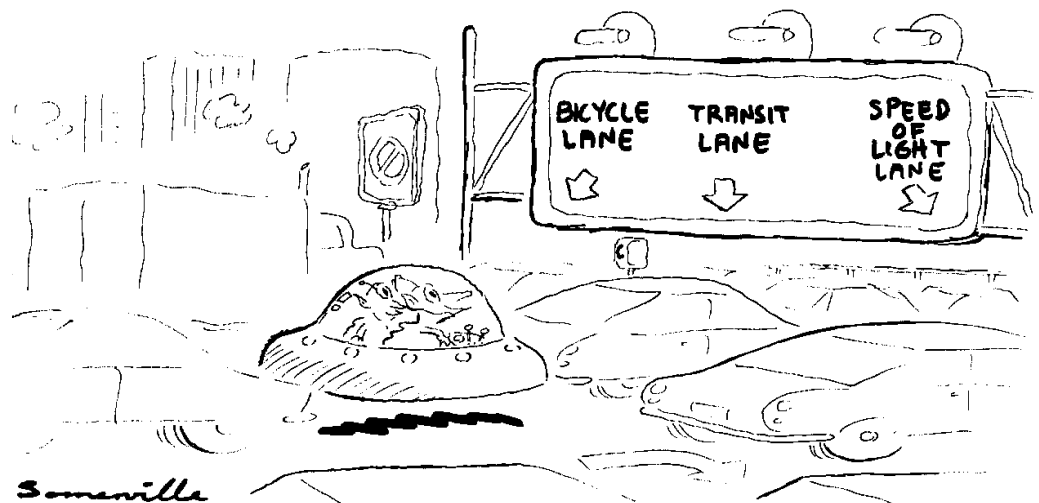
components is the goal of the AEC and the AFSWP. Studies at MIT indicate that such a technology is within reach before the decade is out. The apparent use of micro-circuitry found on the recovered planform indicates that miniturization, low-power transmission, light conductor/sensitive components are required for interplanetary space travel. Atomic engines and nuclear propulsion technologies could be advanced based upon current use of hydrogen and electro-magnetic research and weapons components development in U.S. and U.K.

F. Biological Warfare Programs

BW programs in U.S. and U.K., are in field test stages. Discovery of new virus and bacteria agents so lethal, that serums derived by genetic research, can launch medical science into unheard of fields of biology. The samples extracted from bodies found in New Mexico, have yielded new strains of a retro-virus not totally understood, but, give promise of the ultimate BW weapon. The danger lies in the spread of airborne and bloodborne outbreaks of diseases in large populations, with no medical cures available.

G. Genetic and Pharmaceutical Development Programs

Current research in U.S. and U.K., can be accelerated [*sic*] when studies are complete. Understanding the human makeup through EBE research [*sic*] will bring a varied wealth of information in how cells replicate themselves and may help in developing new drugs and markets. Healthcare industries are considered the best source of R&D for DoD programs.



H. New Materials Development

Conclusions reached by the Air Materiel Command in 1948, upon the close examination of the material structure of the Corona and Oscura Peak, N.M. sites, compelled the Air Force to launch a new machinability research program. Samples tested and evaluated by the AMC, suggested that future materials would have to incorporate new alloys and composites, if space exploration and hypersonic dynamics are to be achieved. As a result, new machining techniques are underway for high-temperature alloys and titanium.

I. Planned Future Rocket Development Programs

There have been a number of failed high-altitude rocket launches to study radiation effects on living organisms. The Air Force's Project BLOSSOM, conducted at Holloman AFB, is but one example. V-2 rocket launches at the White Sands Proving Ground, N.M., have been knocked down by undetermined jamming. The source of the jamming is believed to come from UFO sightings on or near the range. Guidance systems are believed to be vulnerable and this presents a clear and present danger. Such keeper flights carrying nuclear weapons are too horrific to contemplate. Shielding of systems and circuits are underway.

J. Nuclear Propulsion Development Program

The AEC and NEPA are currently conducting research for advanced technologies in atomic engines and radical propulsion studies. Systems studies at Los Alamos, N.M., Oak Ridge, Tenn., and at Langley, Va., are attempting to duplicate the water drive and plastic core elements found on the engine being kept at HAFB. Intergration [*sic*] of hydrogen base fuels [*sic*] and electro-hydrodynamic technology, may open up for us development of super-aerodynes with mach 5 capabilities.

K. Intelligence Gathering and Analysis

Based on what is known of the technology and intelligence of the visitors, it is fairly certain that there will be other sightings and encounters of a spectacular nature. As to purpose and modus operandi, we are not certain, but it is clear, that if these visitors had conquest in mind, it would not be diffi-

cult for them, given their ability to penetrate [*sic*] our airspace at will, and their ability to jam radio, telephone, television, and teletype transmission, let alone power grids. So far, reports and sightings are blatant and deliberate, thus allowing our intelligence agencies to gather good data. As to the analyses of such reports, only a continuous wave of sightings and encounters world-wide, would provide enough data for a clear understanding of intent.

L. Foreign Policy and National Security

To date, only Great Britain, Canada, and the Soviet Union, are contacted and appraised in the event that invasion is eminent [*sic*]. It is the current policy of the Administration that no other foreign countries will be consulted or advised. The national security status of the MAJESTIC operation exceeds that of the H-bomb development.

"An inter-active program of controlled releases to the media, in such fashion to discredit any civilian investigation, be instituted in accordance with the provisions of the 1947 National Security Act."

M. Domestic and Constitutional Issues

In dealing with clear violations of civic law and guarantees as defined under the Constitution, it has been discussed among members of MAJESTIC TWELVE, that such protection of individual rights are outweighed by the nature of the threat. Only a declaration of war or a national emergency, would give the government the power to enact martial law and recend [*sic*] individual rights.

N. Social, Religious and Scientific Reaction

It has been the downfall of great nations and cultures when a new reality is not readily accepted by the masses. The social order was severely ravaged by the last world war, with great damage to the religious dogma of "earth without end," thus making a government disclosure irrespon-

sible and inherently dangerous. The scientific community would predictably question such a reaction as a world suffering from a Buck Rogers delirium and attack anyone of their own ranks for believing such fantasy. Science itself, may undergo a traumatic transformation, with belief structures in shambles, putting the institutions under scrutiny by the layman, thus eroding any credibility. Science would be left with an image of credulity.

O. Cold War Development

This is one of the most dangerous phenomenon [*sic*] of the twentieth century. To misidentify a flight of space objects for actual Russian bombers, or to dismiss Russian bombers as phantoms, is the most idiotic approach to take. Even though governments may distrust each other, it is the responsibility and creed of the military and intelligence professional to prevent wanton death and destruction of his country. It is

advisable to maintain some form of direct communication with a hostile enemy before taking false assumptions of his response if falty [*sic*] data wrongly indicates such. Even using the "Flying Saucer" ruse to create fear and confusion among your enemies leaders, could result in accidental war. Even our early analysis of the recovered planforms in 1947, led to the wrong assumption that the Russians were preparing a sneak attack on the continent.

P. Government Policy of Control and Denial

One of the most difficult aspects of controlling the perception in the public's mind of government attempts of denial and ignorance--is actual control of the press. Until a clear intent is established with diplomatic relations firmly in hand, it is the recommendation of the President's Special Panel with concurrence from MAJESTIC TWELVE, that a policy of strict denial of the events surfacing from Roswell, N.M., and any other incident of such caliber, be enforced.

An inter-active program of controlled releases to the media, in such fashion to discredit any civilian investigation, be instituted in accordance with the provisions of the 1947 National Security Act.

(Source: *Internet website*
<http://www.geocities.com/Athens/Crete/9923/MJ12.html>)



REVIEWS

BOOKS

Reviewed by Ruth Parnell

EVERYTHING IS UNDER CONTROL Conspiracies, Cults and Cover-ups by Robert Anton Wilson with Miriam Joan Hill

Publisher: HarperPerennial, USA, 1998
ISBN: 0-06-273417-2 (435pp tpb)
Price: AUD\$32.95; £12.95; NLGfn/a;
USD\$15.00; CAD\$22.00

Available: **Aust**—HarperCollins (June 1999); **UK/USA**—HarperCollins;

Europe—Contact NEXUS office

Anyone who thinks conspiracy theories contain only paranoid fantasy should remember that governments take conspiracies seriously enough to have laws against them and agencies to hunt them down. So Robert Anton Wilson reminds us in the introduction to his ironically titled hand-book, *Everything is Under Control*.

Wilson is famed and still hounded as co-author (with the late Robert Shea) of that monumental occult/conspiracy parody, the *Illuminatus!* trilogy (1975)—the inspiration if not making of many a conspiracy theorist.

Here, Wilson applies the sharp wit and philosophical perspective for which he's renowned in this A to Z selection of conspiracies and conspirators—some well known, others you've never heard of; some deadly serious, others completely wacko. He touches on mysteries both ancient (Egyptian Freemasonry) and modern (the death of Princess Diana), as well as the secretive (Illuminati, Bilderbergers), the cultish (Heaven's Gate), the Machiavellian (Kissinger), the ufological (the Xists from

Planet X) and the unexplained (Mothmen).

Entries are in alphabetical order and are cross-referenced to other entries as well as reading lists and relevant websites. With no more than two pages per entry, the coverage on most subjects is all too brief, and there is no easy-find index. But *Everything Is Under Control* serves its purpose by taking the reader on a whirlwind tour of the vast body of conspiracy information out there.

VOYAGE BEYOND DOUBT

by Bruce Moen

Publisher: Hampton Roads, USA, 1998

ISBN: 1-57174-1012-1 (304pp tpb)

Price: AUD\$29.95; NZD\$38.95; £11.99;
NLGfn/a; USD\$13.95

Available: **Aust**—Gemcraft, tel (03) 9888 0111; **NZ**—Peaceful Living Publications,

tel (07) 571 8105; **UK**—Airlift Book Company, tel 0181 804 0400; **Europe**—NEXUS office; **USA**—Hampton Roads, tel (804) 296 2772, fax (804) 296 5096;

Canada—Dempsey, tel (604) 708 1081

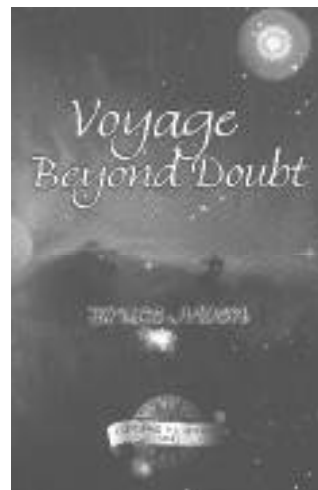
In *Voyage Beyond Doubt*, the second book in his Exploring the Afterlife series, Bruce Moen continues his journeys into nonphysical realms of existence. With good humour, honesty and humility he shares the knowledge gleaned from 'going it alone' and confronting the limits imposed on his perceptions by certain core but erroneous beliefs.

In many of his travels, Moen is joined by Rebecca, a "mysterious teacher" and experienced explorer of the afterlife. Though they live 1,500 miles apart, they'd phone each other the day after their out-of-body journeys to compare notes—an activity that Moen found very helpful in coming to terms with his doubt, despite all the evidence for the existence of nonphysical reality.

Moen takes us on a rollercoaster ride with stopovers in the strange intermediate world of Dichotomyland, in the various focus levels 23 to 27—occupied by people in stages from unawareness or denial to being blinded by an afterlife belief system—and in many soul-retrieval and ghost-busting situations.

A student of The Monroe Institute, Moen claims to have had contact with the now-deceased Robert Monroe from beyond—from where Monroe has been pushing him to write his books! The next two titles chart his next amazing phase of discovery via the Monroe Institute's Exploration 27 program.

Moen encourages the curious to learn to use the imagination as a communication tool. But, knowing that to enter unexplored realms consciously may require confronting and overcoming those ideas which block our true perceptions of self and reality, he advises on how we can change or eliminate old, outdated and unworkable beliefs.



REVIEWS



BOOKS

NATURE AS TEACHER

by Viktor Schauberger

(translated & edited by Callum Coats)

Publisher: Gateway Books, UK, 1998

ISBN: 1-85860-056-1 (185pp tpb)

Price: AUD\$34.95; NZD\$51.95; £10.95;

NLGfn/a; USD\$15.95

Available: **Australia**—Banyan Tree Book

Distributors, tel (08) 8363 4244;

Aust/NZ/UK/Europe—NEXUS offices;

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tel (815) 253 6390, fax (815) 253 6300

It's always interesting to get feedback from readers on what we publish in NEXUS—that this or that author/inventor/article/book has made a difference in someone's life. We hear from many who have found inspiration in Viktor Schauberger's descriptions of Nature's energies and balances, and they will treasure this latest compilation.

Titled *Nature as Teacher*, this is the second volume in translator/editor Callum Coats' Eco-Technology series. Together with *The Water Wizard*, a collection of Schauberger's writings on his water research, it is an important adjunct to Coats' *Living Energies*, about the life, times and inventions of the Austrian genius inventor.

Schauberger (1885–1958) was an environmentalist ahead of his time. Here, in these extracts from his writings, papers, magazine articles and correspondence, he shares his insights into our choices: on the one hand, environmental catastrophe and social devastation; on the other, practical solutions like

free-energy devices which harness the magical processes of Nature. The section on the centrifugal and centripetal dynamics of the egg form is especially enthralling.

These extracts really are essential reading for anyone concerned about how our vital natural cycles have been harmed, if not destroyed, by modern technology and ignorant practices. Through the first half of the 20th century Viktor Schauberger voiced his concern for humanity's predicament and despaired at mainstream science's blindness to Nature, our greatest teacher. But of course, reading about it is not enough...

THE MONTAUK FILES: Unearthing the Phoenix Conspiracy

by K. B. Wells, Jr

Publisher: New Falcon, USA, 1998

ISBN: 1-56184-134-X (192pp tpb)

Price: AUD\$29.95; AUD\$37.00 airmail to

NZ; £12.99; NLGfn/a; USD\$14.95

Available: **Aust/NZ**—Boobook Publishers,

PO Box 163, Tea Gardens NSW 2324,

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4997 1089; **UK**—Airlift Book Company,

tel 0181 804 0400; **Europe**—NEXUS

office, tel +31 (0)321 380558; **USA**—New

Falcon Publications, 1739 East Broadway

Road #1-277, Tempe, AZ 85282, website

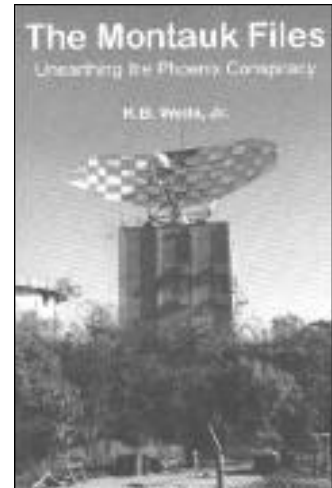
www.newfalcon.com

The so-called Montauk Project and its links with the Philadelphia Experiment and Phoenix Project have captured the imaginations of conspiracy theorists since Al Bielek and Preston Nicholls first made their startling revelations in the late 1980s.

Now, conspiracy researcher/psychic K. B. Wells has put in three years of investigation for his book, *The Montauk Files*. He covers

some of the same ground that Nicholls and Peter Moon did in their *Montauk* books but expands with new evidence. His rendition has a detailed map of the Air Force Station at Montauk Point on the eastern tip of Long Island, USA, and more exterior and interior b&w photos of buildings, bunkers and the antenna array at the site. He, too, claims that despite its deserted appearance the base, with its underground installations, may still be operational, at least from time to time.

Wells explains how the 1943 Philadelphia Experiment in radar invisibility became intertwined with the early 1940s *Phoenix Project* in weather modification based on Reich's orgone energy technology. He claims that the same Illuminati factions behind these projects used the ley-line-crossed Montauk base as an extension of their *MKULTRA* mind-control experiments—with the Montauk radar antenna used as a thought amplifier and gifted





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psychics as guinea pigs (until they rebelled).

While so much of what went on at Montauk is classified beyond FOIA access (we're talking time travel to Mars, space/time portals, alien technology), we have to be content with whatever pieces of the puzzle can be identified. Wells does a worthy job, but, as he admits, the picture is much bigger than we can yet know.

THE LAST POPE: The Prophecies of St Malachy for the New Millennium by John Hogue

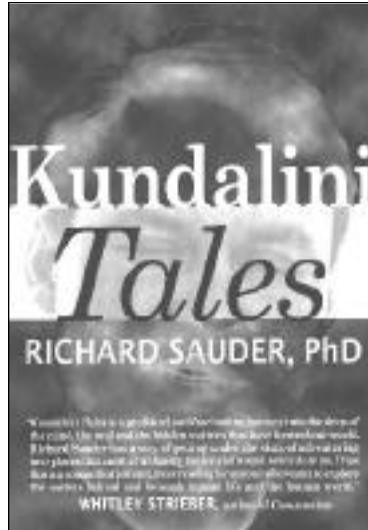
Publisher: Element, UK, USA, 1998
ISBN: 1-86204-202-0 (405pp hc)
Price: AUD\$39.95; NZD\$49.95; £16.99;
NLGfn/a; USD\$24.95; CAD\$34.99
Available: **Aust/NZ**—Penguin; **UK**—
Element Books, tel (0747) 85 1339;
Europe—NEXUS office; **USA**—Element
Books, tel (617) 915 9400

The prophecies of the 12th century Irish bishop and mystic, St Malachy, were spirited away by the Catholic Church of the day to languish in the Vatican archives until their accidental discovery by a Benedictine historian in the 1590s. The storm caused by their release was a challenge to Church authority. The prophecies, reportedly received by St Malachy atop a hilltop outside Rome one night in 1140, comprise 111 Latin phrases summarising the reigns of all the succeeding popes from 1143, with a coda foretelling the demise of the Church and the destruction of Rome.

For *The Last Pope*, John Hogue (author of several books on Nostradamus and millennial prophecy) has assembled the complete

prophecies of St Malachy—the first time they've been in print in English this century. Hogue adds substantive commentary on St Malachy's life and times and, with each entry, intersperses fascinating historical detail about the popes. In relevant entries he includes prophecies from St Malachy's contemporaries St Hildegard and Joachim de Fiore, from Nostradamus and also from Mary at Fátima and Garabandal.

According to St Malachy, there are tribulations ahead from now on in the form of wars, famines and disasters. And it seems that after John Paul II there may only be two popes to go—the next possibly Jewish, and the last, Peter of Rome, who will sit during "the last persecution of the Holy Roman Church". And all of this may happen within the next 20 years. This is not what the Catholic Church wants us to read!



KUNDALINI TALES

by Richard Sauder, PhD

Publisher: Adventures Unlimited, 1998
ISBN: 0-932813-61-5 (212pp tpb)
Price: AUD\$28.00; NZD\$12.95;
NLGfn/a; USD\$14.95 + p&h
Available: **Aust/NZ/UK/Europe**—NEXUS
offices; **USA**—Adventures Unlimited, PO
Box 74, Kempton, IL 60946, tel (815) 253
6390, fax (815) 253 6300

This is a surprising and intriguing second book from Richard Sauder, PhD (author of *Underground Bases and Tunnels*). *Kundalini Tales* is a record of his personal forays into multidimensional reality and his encounters with those authorities who "fear the power of creative life energy" (and who imprisoned him twice for his non-violent anti-nuclear protesting in the 1980s).

To Sauder, the truth is "in here", not "out there". His explorations include spontaneous spiritual awakenings, kundalini highs and lows, out-of-body experiences, encounters with otherworldly beings, and hearing of voices in both naturally and artificially induced states of consciousness. Yet he has had to question whether all his "in here" experiences were artificial.

Sauder analyses a selection of patents describing mental monitoring and mind-alteration technology, and he reprints them in full in the appendix. However, he strongly objects to military/intelligence agencies having the will and the means to electronically induce OOB and kundalini states and to control remotely the minds and behaviours of individuals.

While Sauder warns of the numerous dangers for the 'uninitiated' in handling the kundalini force, his metaphysical glimpses are strangely enticing.

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QUEST FOR TRUTH: 100 Insights That Could Change Your Life sourced by Darryl Anka, edited by Steve Meyers

Publisher: Nobul Press, USA, 1997
ISBN: 0-9656078-1-X (258pp tpb)
Price: USD\$22.95 + 5% tax (Iowa) + \$1.75 (surface) or \$4.00 (priority) in USA; foreign orders add USD\$6.00
Available: **USA**—Nobul Press, PO Box 286, Iowa City, Iowa 52240, tel 1800 315 4510 (toll free in USA), fax (319) 338 1465, website www.bashar.com

Many people are understandably sceptical about the value of channelled communications. So, too, was Steve Meyers (the editor of this book, *Quest for Truth*) until in 1985 he first encountered Bashar as channelled by Darryl Anka.

Meyers was impressed with the level of intelligence and integrity exhibited, the insightful responses given to even ordinary questions, and the expansive philosophy and perspectives presented.

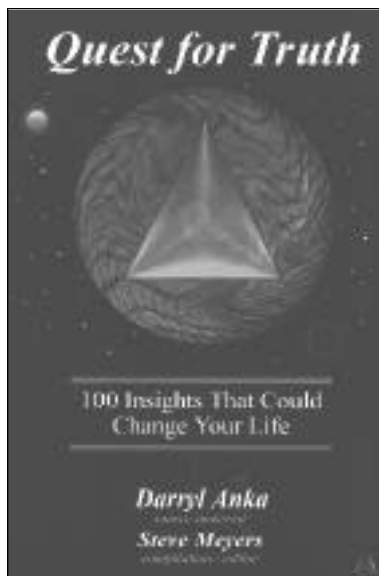
Whatever the truth about Anka's claims to have an extraterrestrial intelligence speaking through him, to Meyers this matters not. What is important is not where the ideas come from (indeed, how can we really account for the source of our 'own' ideas?), but the messages themselves. In other words, rather than 'shoot the messenger', let's check out the message.

And this compilation of insights and actionable advice from Anka's/Bashar's self-empowerment seminars may well change your life, as the subtitle suggests. Its pur-

pose is to show how we can become open to the beliefs, fears and behavioural patterns which actually limit our freedom in life.

It's about how we can integrate new patterns and ways of thinking for accessing greater creative expression, attracting abundance, transforming relationships, improving health, and even achieving a greater understanding of death and dying.

The book's central message is that we *can* create the kind of reality we really, really want, but to achieve this we need to act upon whatever excites us the most at any given moment! As for the consequences of such creative manifestation, this is another matter entirely. Meyer's advice is to take from this book what grabs you the most—an unbiased attitude if ever there was one.



CONVERSATIONS WITH ANIMALS by Lydia Hiby with Bonnie Weintraub

Publisher: NewSage Press, USA, 1998
ISBN: 0-939165-33-3 (195pp sc)
Price: £11.95; NLGfn/a; USD\$12.95
Available: **UK**—NEXUS office, tel 01342 322854; **Europe**—NEXUS office; **USA**—NewSage Press, PO Box 607, Troutdale, OR 97060-0607, tel (503) 695 2211, fax (503) 695 5406, website www.teleport.com/~newsage; **Canada**—Publishers Group West, tel (416) 934 9900

If you were ever in doubt that it's possible to talk with the animals, then this book will dispel your scepticism. *Conversations with Animals* is the story of animal communicator/psychic Lydia Hiby, told in collaboration with client-turned-friend Bonnie Weintraub. Hiby has a natural talent for communicating with animals and refined her skills under the tutelage of animal psychic Beatrice Lydecker in California.

Hiby uses a form of communication called "picture talking", where questions can be put to animals verbally but, most importantly, with images. And because most animals are actually keen to communicate, they are able to answer specific questions so that the open-minded human questioner can receive the answer in pictures or feel the specific emotions being sent or smell the favourite food being described! All the senses are employed in this creative communication process—one we are familiar with as babies before we develop language skills.

The stories in *Conversations with Animals* are all part of Hiby's lifetime of helping animals, and many are deeply touching: the depressed horse grieving for his owner who had died two days earlier, though no one had told him; the cat, having a CAT-scan due to



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pregnancy complications, demanding to know if one of her kittens had died (it had); and the family dog concerned about his teenage charges' pot-smoking.

Hiby says we can all learn how to converse with our dogs, cats, horses, birds and pet iguanas, and she advises on techniques, processes and provisos that will change how you relate to your animal friends.

DAY OF DESTINY: Where will you be August 13, 1999?

by John Mini

Publisher: Trans-Hyperborean Institute of Science (THIS), USA, 1998

ISBN: 0-9657825-8-1 (350pp tpb)

Price: USD\$14.95 + p&h

Available: USA—THIS, PO Box 2344, Sausalito, CA 94966, tel (415) 389 1764, fax (415) 389 6790, website <http://day-ofdestiny.com>

Predictions abound as to what may befall humanity and our planet Earth in July/August 1999. Nostradamus prophesied the return of the "king of terror from the sky" in July, and astrologers point to the date of August 11 as being the last solar eclipse of the 20th century. The chart for that day contains an archetypal grand cross of planets in the fixed zodiac signs—a portent of earthquakes, political turmoil, financial meltdown, or perhaps all of these and more.

According to John Mini in *Day of Destiny*, at the apex of the Aztec Sun Calendar is the glyph for the 13 Cane, which he claims can be translated into our system as the date August 13, 1999. This date signifies to the Aztecs a transformational point between

worlds, something of enormous significance not just for their culture but for the world at large. To try to make sense of it, Mini takes us on a journey into Aztec teachings on the nature of space/time, of cycles and motion, of chaos and balance, of the underlying dynamic principles and forms encoded in the calendar. The Aztecs foresaw that their own empire would fall on August 13, 1521—so, Mini asks, why shouldn't we give some credence to this August 13, 1999 date if they've been right before?

A complementary medical practitioner, Mini includes a variety of physical and mental transformation exercises to help us adapt to our ever-changing times with vitality and to connect with the universal purpose and consciousness as the Aztecs did.



THE GODS, GEMINI, AND THE GREAT PYRAMID

by James Bowles

Publisher: Gemini Books, USA, 1998

ISBN: 0-9666371-1-9 (277pp tpb)

Price: USD\$16.00 + USD\$2.00 p&h in US or USD\$4.00 p&h elsewhere

Distributor: USA—Gemini Books, PO Box 648, Grass Lake, Michigan 49240-0648, tel (877) 243 6464, 1-877-2GEMINI (toll-free in US), e-mail gemini@dmci.net

To the irritation of academia, advances in knowledge often come from thinkers with a nuts-and-bolts grasp of the way the world works. One from that mould is James Bowles, a retired engineer/physics teacher (among other achievements), who, in *The Gods, Gemini, and the Great Pyramid*, proposes the Rotational-Bending (RB) Effect to explain the natural forces that inevitably cause the Earth's crust to bend and break as a function of combined internal stresses and constant planetary rotation. (See two-part article by Richard Noone starting this issue.)

Bowles, who has also had a lifelong interest in the Earth sciences, began research for his book to find a solution to Prof. Charles Hapgood's unanswered questions on the mechanics of the Earth's shifting crust. But not only has he found evidence of past catastrophes and erratic planetary rotation in the geological record, he has also found a rich chronicle that tells of when the North Pole was in Alaska, when Egypt and Peru were both on the equator, and when the Sphinx faced due east—a grand terrestrial triangle relationship, important for our understanding of the antediluvian world.

Bowles has identified links between the Great Pyramid geometry, the messages of the ancient Egyptian *Pyramid Texts*, the

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'master plan' encoded in the 12 zodiacal constellations, and the enigmatic pictograms of Peru's Nasca Plateau.

Bowles' description of the RB-Effect is worthy of a book on its own; but his other discoveries, including a valiant attempt at a unified theory of everything, are intriguing.

THE VEDIC PROPHECIES: A New Look into the Future

by Stephen Knapp

Publisher: World Relief Network, 1998

ISBN: 0-9617410-4-X (235pp tpb)

Price: £11.99; USD\$14.95 + p&h

Available: **UK**—NEXUS office;

USA—The World Relief Network, PO Box 15082, Detroit, Michigan 48215-0082, tel (313) 331 3190

For insights into the near future and the far distant future (even to the destruction of the Universe!), the Vedic literature, going back at least 5,000 years in written form, contains a wealth of data. For this book, author Stephen Knapp, a devotee of the Indian spiritual tradition for the last 25 years, has painstakingly explored the Vedic writings for prophecy-related references. Interwoven through his scholarly commentary are extracts from the *Rig*, *Yajur*, *Sama* and *Atharva Vedas*, appendices such as the *Upanishads*, and supplemental texts like the *Mahabharata*, the *Bhagavad-gita* and the *Puranas*. Included are prophecies that have already been fulfilled, e.g., the incarnations of Jesus Christ and Mohammed.

One prophecy from the *Bhavishya Purana* points to the likelihood of a "great war of wars" that could change the map of the

world near 1999, and of the Earth being struck by an global magnitude event, involving pole shifts, tsunamis and earthquakes, that could begin in May 2000. Uncannily, the date of May 5, 2000 has been singled out by Richard Noone for a significant alignment of certain planets and a cosmic event which may trigger a pole shift!

Knapp puts these Vedic prophecies into context by including commentary and b&w photographs of his travels through major holy places in western and southern India.

THE ULTIMATE TIME MACHINE

by Joseph McMoneagle

Publisher: Hampton Roads, USA, 1998

ISBN: 1-57174-102-X (290pp tpb)

Price: AUD\$27.95; NZD\$35.95; £10.99;

NLGfn/a; USD\$12.95

Available: **Aust**—Gemcraft, tel (03) 9888

0111; **NZ**—Peaceful Living, tel (07) 571

8105; **UK**—Airlift Book Co., tel 0181 804

0400; **Europe**—Contact NEXUS office;

USA—Hampton Roads, tel (804) 296

2772, 1800 766 8009, fax (804) 296 5096;

Canada—Dempsey, tel (604) 708 1081

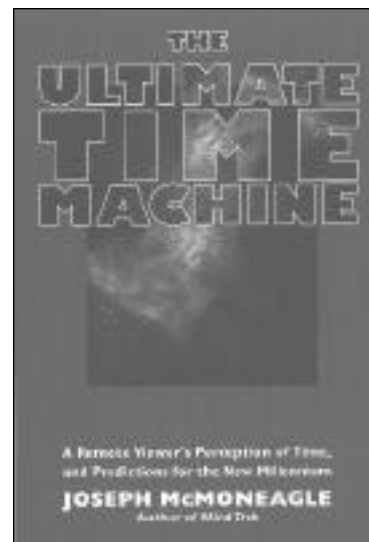
Joseph McMoneagle was one of the select few trained as remote viewers when US Army Intelligence began its first psy-spying program, *Grillflame*, in 1978 (taken over by the Defense Intelligence Agency in the late 1980s as *Sun Streak* and, later, *Stargate*).

McMoneagle worked on the program until late 1984 when he retired from the military, but he is still involved in intelligence and independent research in remote viewing.

Following on from *Mind Trek*, in his second book, *The Ultimate Time Machine*, McMoneagle gives a rundown of *Stargate* remote viewing (RV) protocols, cautions and myths. He presents a fascinating per-

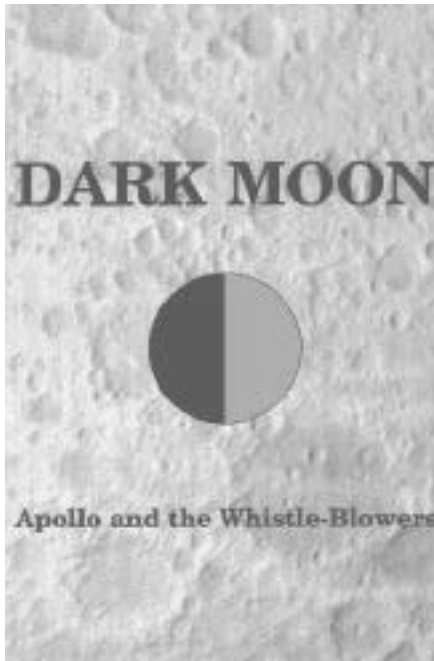
spective on the nature of time and reality, with recourse to his explorations into what we consensually regard as the past, present and future. He recounts some surprising examples of 'historical viewing', e.g., a meeting with Jesus Christ during a Robert Monroe consciousness lab experiment, and a slightly different twist on the JFK assassination. And he considers the ethical implications of using RV to 'violate' the future and set up cognitive communication loops where we can remote-view an event and send the data to ourselves in the past!

McMoneagle devotes half of this book to his predictions for the next hundred years in terms of population, economics, environment (including natural disasters), government, law and order, society, education, technology and much more.





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DARK MOON: Apollo and the Whistle-Blowers

by **Mary Bennett and David S. Percy**

Publisher: Aulis Publishers, UK, 1999

ISBN: 1-898541-108 (568pp hc)

Price: £16.99 + p&h

Available: **UK**—Aulis Publishers, 20 Paul St, Frome, Somerset BA11 1DX, tel 01373 451777; NEXUS office, tel 01342 322854

The idea that NASA's *Apollo* program astronauts never made it to the Moon has been around since the 1969 *Apollo 11* mission. This latest addition to the conspiracy literature is *Dark Moon*, by two English authors—Mary Bennett, a researcher/writer/translator specialising in esoteric knowledge, and David Percy, an award-winning film/TV producer/cameraman. Together they bring new perspectives and much more nagging evidence to bear on this big question, e.g., from interviews with Kodak and Hasselblad personnel who supplied equipment and technical support to the missions.

While not saying that US astronauts never went to the Moon, they do believe from their extensive analysis of *Apollo* photos, videotape and sound recordings that what we saw and heard of those Moon landings was deliberately faked in a studio, probably not too far from Houston mission control.

The authors conclude that the inconsistencies were put there by NASA 'whistleblowers' so that they *would* be noticed by observant researchers. They point out the astrophysical anomalies, radiation difficulties, lunar soil/rock sample dating contradictions that NASA has never satisfactorily

explained and that support the case for a massive cover-up. In trying to pinpoint the ultimate agenda, they look at the influence of ex-Nazi rocket scientists in the US space program, top-level complicity with the USSR during the Cold War, and the 1947 Roswell incident—set up, the authors argue, by the US military in one area as a hoax, and by ETs in another area as a message!

Bennett and Percy also consider Mars mission anomalies, geometric correspondences between natural forms on Mars and pyramids on Earth, Stonehenge as a gravitron drive blueprint, and the 1991 'Keys' crop glyph as a code for the three speeds of light: solar, interstellar and intergalactic!

Full of facts, figures, photos, maps, charts, boxes with clever asides, plus plenty of wild speculation, *Dark Moon* is a worth a visit.

THE DEVIL'S RAINBOW: Conscripts, Chemicals, Catastrophe

by **Jean R. Williams**

Publisher: Homecoming, Australia, 1998

ISBN: 0-646-36454-5 (300pp tpb)

Price: AUD\$24.95; AUD\$7.00 airmail to NZ; AUD\$10.00 airmail elsewhere

Available: **Australia**—Bookshops; or Homecoming Publications, 186 Coes Creek Road, Nambour Qld 4560, tel +61 (0)7 5441 1753, e-mail williams@coastnet.net.au

This third book from Vietnam War veterans activist Jean Williams continues the theme of *Cry in the Wilderness* (see review, 3/05). In *The Devil's Rainbow*, Williams recounts more stories from Australian and New Zealand servicemen who are fighting for justice and recognition that their parlous states of health (and those of their children) are due to their close contact with a cocktail of chemical defoliants, insecticides and malarial drugs during the Vietnam War. The "devil's rainbow"—the toxic chemical agents made by companies like Monsanto and delivered in drums with bands of white, pink, orange, green, blue and purple for Operation *Hades*, later *Ranch Hand*—ultimately destroyed more than the lives and livelihoods of the Vietnamese people.

Jean Williams has become something of a mother figure to a host of surviving veterans who seek support, a sympathetic ear, and advice on where to turn. Tragically, many of these vets are too ill and broke even to fight for their rights. Those who can are working to overturn the 1985 report of the Evatt Royal Commission into the use of herbicides and pesticides in Vietnam, which was based on scientific data that has since been considerably revised. Moreover, classified government and military documents on biological, chemical and nuclear

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research, policy and combat operations in South East Asia were not available for the Royal Commission—nor are they accessible to veterans now "for security reasons".

Williams has compiled scientific reports, medical case studies, official documents, statistics, photos and poems for her book. While the text could have been better edited (I'm assured it will be for the second edition), the veterans' stories have a profoundly heartbreaking, gut-wrenching impact.

THE GATE OF PARADISE: Secrets of Andean Shamanism

by Chamalú (Luis Espinoza)

Publisher: Gateway Books, UK, 1998

ISBN: 1-85860-043-X (152pp tpb)

Price: AUD\$31.95; NZD\$47.95; £9.95; NLGfn/a; USD\$14.95

Available: **Australia**—Banyan Tree Book Distributors, tel (08) 8363 4244; **NZ**—Peaceful Living, tel (07) 571 8105; **UK**—Gateway Books, tel 01225 835127; Airlift Book Co., tel 0181 804 0400; **Europe**—NEXUS office; **USA**—Gateway Books, tel (707) 566 8006; Access Publishers Network, tel 1800 345 0096

Great secrets are often clothed in simple terms; in fact, they are the essence of simplicity. So, to read this book with the intent of coming away fully versed in the rituals of Andean shamanism is to miss the point. What *is* important to glean from Chamalú's book, *The Gate of Paradise*, is that it *is* possible to live life to the full, with open heart in harmony with Nature and the Universe (*Pachamama* in Chamalú's Quechuan Indian language). You don't have to be born in the Andes to appreciate the power of silence and love: this understanding is not the exclusive realm of shamans, though they can certainly help on the path.

Chamalú (Luis Espinoza) was trained in traditional practices of the Andean shamans and has founded a mountain community in his native Bolivia that attracts international interest as a centre for healing, initiation and ecological education. He has also established the *Pachamama* movement to disseminate information on the ancient shamanic art and wisdom—teachings whose time to be revealed has obviously come (though this English translation comes seven years after the first publication in Spanish).

This book brims over with honesty, integrity and wisdom, and demonstrates an understanding of worldliness balanced by a child-of-the-universe type of innocence. Students of the world's spiritual traditions will find Chamalú's commitment to living shamanism as an artform and a meditation enlightening—and the photos of Peruvian and Bolivian sacred places breathtaking.

PRODUCT

Reviewed by Duncan Roads

QUANTRONIC RESONANCE SYSTEM

Price: AUD\$3,600.00

Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton Qld 4560, tel (07) 5442 9280, fax (07) 5442 9381;

UK/Europe—INNOLine/De Best BV, Loonsestraat 17, 5371 PJ, Ravenstein, The Netherlands, tel +31 (0)486 41 31 22, fax +31 (0)486 41 16 59; **USA**—INNOLine, 725 Jill Court, Des Plaines, IL 60018, tel (847) 364 5386, fax (847) 364 5386

The Quantronic Resonance System (QRS) has been extensively tested by leading European universities on thousands of people for over 20 years. The results are spectacular! It is currently being used by hundreds of practising medical doctors around the world, including dozens in Australia.

Basically, you lay on a mat (which has three pairs of coils inside) while an automatic control unit produces a pulsing magnetic field which penetrates the body without any harmful side-effects.

The effect is felt at a cellular level. From the entire energy produced by a cell, approximately 50 per cent is used for the development of the electric potential at the cell membrane. The cell needs this 70–90 millivolt (mV) potential to regulate the metabolism. If this power declines only slightly below 70 mV, the metabolism is already strongly impeded, leading to deficiency in energy and performance and premature cytolysis. Chronic diseases develop if this energy deficiency is concentrated in certain cell structures or organs.

Because the QRS's frequency pattern corresponds with man's biological window and, through resonance, bathes the organism with field intensities of between 0.15 and 15 mT (microtesla), each body cell suffering from energy deficits is addressed. Overdoses cannot take place because cells have their own regulation mechanism and only accept the energy supply they need.

So what does this all mean? Well, dramatically increased (up to 80 per cent) oxygenation of the body, for one thing, as well as increased blood circulation and increased calcium influx into the cells.

The testimonials from doctors alone indicate that the device is achieving spectacular results for patients. But, after two 8-minute sessions per day, I can personally attest to the Viagra-like effects resulting from increased oxygen in the blood! In fact, I was so impressed with the device that I bought one, and now sell them through the magazine. They really are *that* good!



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AUDIO

Reviewed by Richard Giles

ANKH: The Sound of Ancient Egypt by Michael Atherton

Producer: Michael Atherton for Celestial Harmonies, USA, and the Australian Museum, Sydney, 1998 (62mins)
Distributor: **Australia**—Festival Records, tel (02) 9395 8000; **USA**—Celestial Harmonies, tel (520) 326 4400

This is a most unusual and experimental album, one where Michael Atherton has successfully captured the sound of ancient Egyptian music using collections of instruments copied and deduced from paintings, drawings and inscriptions. Atherton goes into considerable detail on the sleeve notes about the background to the project. He was inspired by the Australian Museum's exhibition, "Life and Death in the Land of the Pharaohs", which toured Australia in 1998. *Ankh* is an exciting album with an array of extraordinary instruments and captivating vocals. A true collector's piece.

NAKED WATERS

by Cathie Malach and Kim Rosen

Producer: Peter Kater for EarthSea Records, USA, 1998 (58mins)
Distributor: **USA**—EarthSea Records, tel (540) 351 6191

Moving into uncharted areas is always challenging to one's preconceptions. Listening to Cathie Malach and Kim Rosen is an experience. They have combined their two voices—one speaking, one singing—to very challenging, powerful effect. Rosen has written for magazines like *Shaman's Drum*, runs music workshops, and founded the Interspecies Connection which brings humans and dolphins together. Malach was a pianist and actress when she met Rosen at a workshop; later, the two of them collaborated. Here, they work, as Malach says, "to shake people up" in "uncharted territory". Their album has the effect of combining music, healing, reflection and revelation.

RIPTIDE

by Anam

Producer: Calum Malcolm for One World Music/Victor Ent., Japan, 1998 (48mins)
Distributor: **Australia**—One World Music, tel (07) 3367 0788; **UK**—One World Music, tel 0198 678 1682

Anam is Brian Ó hEadra, Aimée Leonard, Treasa Harkin and Neil Davey, and *Riptide*, a collection of traditional tunes and their own compositions, launches them through the One World label out of the UK.

They have the ability to lift your spirits with steady, firm jigs and reels, and soften your mood with the rolling warmth of their lyrics. Their album will open your heart to the sounds of Celtic dance music and songs of loss and longing.

MAMBO YO YO

by Ricardo Lemvo and Makina Loca

Producer: Niño Jesús Pérez for Putumayo World Music, USA, 1998 (44mins)
Distributor: **Australia**—MRA Entertainment, tel (07) 3849 6020; **USA**—Putumayo Music, tel (212) 625 1400

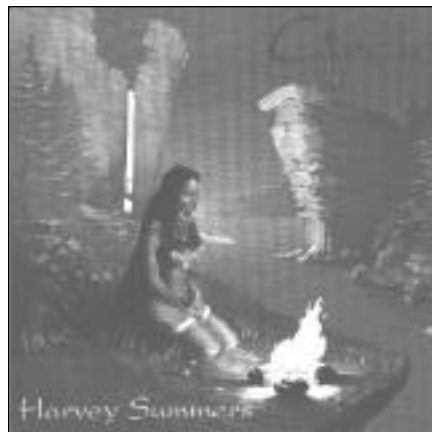
The Afro-Latin sound of Makina Loca sends shivers up the spines of Cuban music aficionados. Congolese-born lead singer Ricardo Lemvo and the band have brought Congolese *rumba* and Cuban *son montuno* sounds and rhythms together in a synthesis full of soul and spirit. The resultant combination on their *Mambo Yo Yo* album is a beat for the feet—enough to make you throw in your day job and haunt the Cuban night spots for the next decade! This is very danceable, good-time music.

CIRCLE

by Harvey Summers

Producer: Harvey Summers for Medium Moose Records, UK, 1997 (59mins)
Distributor: **UK**—Medium Moose Records, tel +44 (0)1424 210101

Many tributes to Native American music and culture by non-indigenous musicians do not always work. This album by Harvey Summers overcomes these limits and, in conjuring up a magical, involving story, cuts straight to the core of Native American music. Enchanting vocals by Hannah Burchell weave a thread of ethereal magic through the whole album. With Paul Cheneour on flute, Phil Thornton on didgeridoo and Jon Ewen on percussion, *Circle* is an outstanding album worthy of a place in any ambient music collection.



Continued from page 16

What's even more interesting about this story is that some authors claim that the day after the Battle of Waterloo, in a matter of hours, Nathan Rothschild and allied financial interests came to dominate not only the bond market but the Bank of England as well. (An interesting feature of some consols was that they were convertible to Bank of England stock.)

Intermarriage with the Montefiores, Cohens and Goldsmiths—banking families established in England in the century before the Rothschilds—enhanced the Rothschilds' financial control. This control was further consolidated through the passage of Peel's Bank Charter Act of 1844.

Whether or not the Rothschild family and their financial allies seized outright control of the Bank of England (the first privately owned central bank in a major European nation, and the wealthiest) in this manner, one thing is certain: by the mid-1800s, the Rothschilds were the richest family in the world, bar none. They dominated the new government bond markets and branched into other banks and industrial concerns worldwide. They also domi-

nated a constellation of secondary, lesser families, such as the Warburgs and Schiffs, who allied their own vast wealth with that of the Rothschilds.

In fact, the rest of the 19th century was known as the "Age of Rothschild". One author, Ignatius Balla, estimated their personal wealth in 1913 at over two billion dollars. Keep in mind, the purchasing power of the dollar was over 1,000 per cent greater then than now. Despite this overwhelming wealth, the family has generally cultivated an aura of invisibility. Although the family controls scores of banking, industrial, commercial, mining and tourist corporations, only a handful bear the Rothschild name. By the end of the 19th century, one expert estimated that the Rothschild family controlled half the wealth of the world.

Whatever the extent of their vast wealth, it is reasonable to assume that their percentage of the world's wealth has increased dramatically since then, as power begets power and the appetite therefor. But since the turn of the century, the Rothschilds have carefully cultivated the notion that their power has somehow waned, even as their wealth and that of their financial allies

increases and hence their control of banks, debt-captive corporations, the media, politicians and nations, all through surrogates, agents, nominees and interlocking directorates, obscuring their role.

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Editor's Note:

This article was extracted with permission from the revised/updated book of the video, *The Money Masters: How International Bankers Gained Control of America*, produced by Patrick S. J. Carmack for Royalty Production Company, Colorado, USA, © 1998. The reading list accompanying this article can be found at the website <www.themoneymasters.com>.

The *Money Masters* book and video are available from: Royalty Production Company, 5149 Picket Drive, Colorado Springs, CO 80907, USA, tel (719) 520 7264, fax (719) 599 4587, <www.themoneymasters.com>.

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1. Why are the remains of the ancient civilisations so scant?

2. Why does our image of civilisation go back only as far as a few centuries BC?

3. Why, when we have known erosion to take down mighty mountains, are our rivers still flowing strongly, our fresh water lakes still clear, and the waterfalls around the world still encased in their original escarpments?

4. Why, when we can find sabre-toothed cats, mammoths and mastodons etched on cave walls and lying in shallow graves, do we have tigers, lions and bears today? And here is a good question for you: why do we find dinosaurs in graves no deeper than those of the sabre-toothed cats, mammoths and mastodons?

Knowing the truths of yesterday answers our questions of today. It should no longer be a surprise to any of us if a breaking news story reported an oil find in Iceland, or a child's doll were removed from a well drilling-core in North Dakota, or a breed of dinosaur, previously reported as indigenous to the polar wastes of the Antarctic, were found to be a warm-blooded, swamp-feed-

ing creature of gentle disposition! Because now we know that it is the natural "order of Nature".

To be continued next issue...

Endnotes

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dimension of the missing 44 per cent—the dimension of the Orbit of Light, or the Plane of Sharon.

Only during the past 150 years or so, and more specifically during the past 80 years, have the great storehouses of Egyptian, Mesopotamian, Syrian and Canaanite record been unearthed from beneath the desert sands. First-hand documentary evidence from before Bible times has now emerged on stone, clay, parchment and papyrus, and these many tens of thousands of documents bear witness to a far more exciting history than we were ever told.

Had these records been available throughout the generations, the concept of a particular race enjoying a single Divine revelation would never have arisen, and the exclusivity of Jehovah—which has blinded us for the longest time, setting us in warlike fashion against those of other faiths who follow their own traditions—would never have taken such an arrogant hold.

Gradually, as new discoveries are made, it is evident that we are now emerging from the darkness of our preconceived but unfounded notions. Even so, our centuries

of Church-led indoctrination make it very difficult to discard the restrictive dogma of inbred third-hand tradition in favour of a greater enlightenment from those who were there at the time.

The truly inspiring prospect is that the learning curve has still not ended. Just as a single glacier is but a continuation of age-old activity, so too are the ancient wisdoms that now fall to us one by one, with each new facet of learning ready to be stacked upon the former knowledge.

Fortunately, the dawn of consciousness is already behind us and, although some will choose to look backwards beyond its veil, many will step with vigour into the new millennium to witness a bright new sunrise—a revelation of unbounded possibility and a restoration of our true universal inheritance.

About the Speaker:

Sir Laurence Gardner, Kt St Gm., KCD, KT St A., is an internationally known sovereign and chivalric genealogist. He holds the position of Prior of the Celtic Church of the Sacred Kindred of Saint Columba, and is distinguished as Le Chevalier Labhrán de Saint Germain and Preceptor of the Knights Templars of Saint Anthony. Sir Laurence is

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Editor's Notes:

- Correspondence for Sir Laurence Gardner should be sent to him care of Columba House, PO Box 20, Tiverton EX16 5YP, UK.
- Sir Laurence Gardner's first book, *Bloodline of the Holy Grail: The Hidden Lineage of Jesus Revealed*, was published by Element Books in 1996 (ISBN 1-85230-870-2 h/c), and is available in paperback (ISBN 1-86204-152-0), distributed widely by Penguin Books. The second book in his Grail bloodline trilogy is *Genesis of the Grail Kings: The Pendragon Legacy of Adam and Eve*, published by Bantam in February 1999.
- Video and audio tapes of Sir Laurence Gardner's presentation at the 1998 NEXUS Conference in Sydney are now available. Contact your nearest NEXUS office for details or, better still, e-mail us at nexus@peg.apc.org.